Copyright

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GIGA-BYTE Group, GIGA-BYTE Communications Inc.

Safety Information

This chapter contains important information on safe and efficient operation. Please read this information before using the device.

Advice for limiting exposure to Radio Frequency (RF) Signals

For individuals concerned about limiting their exposure to RF fields, the World Health Organization (WHO) provides the following advice: Precautionary measures: Present scientific information does not indicate the need for any special precautions for the use of mobile phones. If individuals are concerned, they might choose to limit their own or their children's' RF exposure by limiting the length of calls, or using "hands-free" devices to keep mobile phones away from the head and body.
Further information on this subject can be obtained from the WHO home page http://www.who.int/peh-emf
WHO Fact sheet 193: June 2000.

Specific Absorption Rate (SAR)

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg. As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this user guide.

As SAR is measured utilizing the devices highest transmitting power the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum level required to reach the network.

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls or using a 'hands-free' device to keep the mobile phone away from the head and body. Additional Information can be found on the websites of the World Health Organization (http://www.who.int/emf).

SAR Information

GSM900: 0.302 W/kg
DCS1800: 0.084 W/kg
WCDMA: 0.462 W/kg

Road Safety
Check the laws and regulations on the use of phones in the area where you drive. Do NOT use this device unless you use hands-free operation while driving or riding.

Potentially Explosive Atmospheres
Turn off your phone prior to entering any area with a potentially explosive atmosphere such as gas stations, explosive chemicals, or flammable objects.

Aircraft Safety
While in flight, switch the device to flight mode (turn off phone or wireless functions). When instructed to do so, turn off your phone when on board an aircraft.

Facilities
Turn off the device in any facility where posted notices instruct you to do so. These facilities may include hospitals or health care facilities that may be using equipment that is sensitive to external RF energy.

Approved Accessories and Batteries
Use only original or manufacturer approved accessories, batteries and chargers.

Regulatory Agency Identifications

For regulatory identification purposes, your product is assigned a model number of MS820.
To ensure continued reliable and safe operation of your device, use only the accessories listed below with your MS820.

The Battery Pack has been assigned a model number of GPS-H01.

Note:
This product is intended for use with a certified Class 2 or Class 3 Limited Power Source, rated 5 Volts DC, maximum 1 Amp power supply unit.

European Union Notice

Products with CE marking comply with the R&TTE Directive (99/5/EC), the EMC Directive (89/336/EEC), and the Low Voltage Directive (73/23/EEC) & (2006/95/EC) issued by the Commission of the European Community.

Compliance with these directives implies conformity to the following European Norms (in parentheses are the equivalent international standards)

- **EN 60950-1 (IEC 60950-1)**
  Safety of Information Technology Equipment.
- **ETSI EN 301 511**
  Global system for mobile communications (GSM); Harmonized EN for mobile stations in the GSM 900 and GSM 1800 bands, covering essential requirements of article 3.2 of the R&TTE directive (1995/5/EC).
- **ETSI EN 301 489-1**
  Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements.
- **ETSI EN 301 489-7**
  Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 7: Specific conditions for mobile and portable radio and ancillary equipment of digital cellular radio telecommunications systems (GSM and DCS).
- **ETSI EN 301 489-17**
  Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for 2.4 GHz wideband transmission

systems and 5 GHz high performance RLAN equipment.

- **ETSI EN 300 328**
  Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband Transmission systems; data transmission equipment operating in the 2.4 GHz ISM band and using spread spectrum modulation techniques.

Safety precautions for RF exposure

- Use only original manufacturer-approved accessories, or accessories that do not contain any metal.
- Use of non-original manufacturer-approved accessories may violate your local RF exposure guidelines and should be avoided.

Exposure to Radio Frequency (RF) Signals

Your device contains a radio transmitter and receiver. The radiated output power is far below the international radio frequency exposure limits. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on the safety standards previously set by international standards bodies:

- American National Standards Institute (ANSI) IEEE. C95.1-1992
- National Council on Radiation Protection and Measurement (NCRP). Report 86. 1986
- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1996
- Ministry of Health (Canada), Safety Code 6. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in usage.
As with other mobile radio transmitting equipment, users are advised that for satisfactory operation of the equipment and for the safety of personnel, it is recommended that no part of the human body be allowed to come too close to the antenna during operation of the equipment.

Your device has an internal antenna. Use only the supplied integral antenna. Use of unauthorized or modified antennas may impair call quality and damage the phone, causing loss of performance and SAR levels exceeding the recommended limits as well as result in non-compliance with local regulatory requirements in your country.

To assure optimal phone performance and ensure human exposure to RF energy is within the guidelines set forth in the relevant standards; always use your device only in its normal-use position. Do not touch or hold

the antenna area unnecessarily when placing or receiving a phone call. Contact with the antenna area may impair call quality and cause your device to operate at a higher power level than needed. Avoiding contact with the antenna area when the phone is IN USE optimizes the antenna performance and the battery life.

Telecommunications & Internet Association (TIA) safety information

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. Persons with pacemakers:

• Should ALWAYS keep the phone more than six inches from their pacemaker when the phone is turned ON.

• Should not carry the phone in a breast pocket.

• Should use the ear opposite the pacemaker to minimize the potential for interference. If you have any reason to suspect that interference is taking place, turn the phone OFF immediately

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider, or call the customer service line to discuss alternatives.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn the phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

WEEE Notice

The Directive on Waste Electrical and Electronic Equipment (WEEE), which entered into force as European law on 13th February 2003, resulted in a major change in the treatment of electrical equipment at end-of-life.

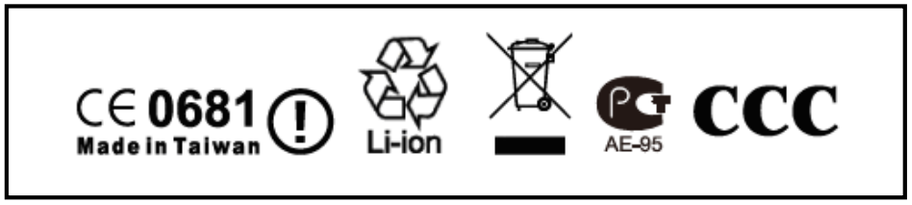
The purpose of this Directive is, as a first priority, the prevention of WEEE, and in addition, to promote the reuse, recycling and other forms of recovery of such wastes so as to reduce disposal.

The WEEE logo (shown at the left) on the product or on its box indicates that this product must not be disposed of or dumped with your other household waste. You are liable to dispose of all your electronic or electrical waste equipment by relocating over to the specified collection point for recycling of such hazardous waste. Isolated collection and proper recovery of your electronic and electrical waste equipment at the time of disposal will allow us to help conserving natural resources. Moreover, proper recycling of the electronic

and electrical waste equipment will ensure safety of human health and environment. For more information about electronic and electrical waste equipment disposal, recovery, and collection points, please contact your local city center, household waste disposal service, shop from where you purchased the equipment, or manufacturer of the equipment.

RoHS Compliance

This product is in compliance with Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003, on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) and its amendments.



General Information

This chapter contains important information on safe and efficient operation. Please read this information before using the device. Ignorance of the following notices may lead to violations of the law.

- Before using the device, please make sure you have fully charged the battery.
- Do NOT remove the battery from the device during charging.
- Before inserting SIM card into the device, make sure that the device is switched off.
- Do NOT attempt to dissemble the device on your own. This should be done by an authorized person.
- Use the device in accordance to instructions when in public facilities.
- In some countries, it is a violation against the law to record phone conversations. Always ask permission of the other party when you are going to record a conversation.

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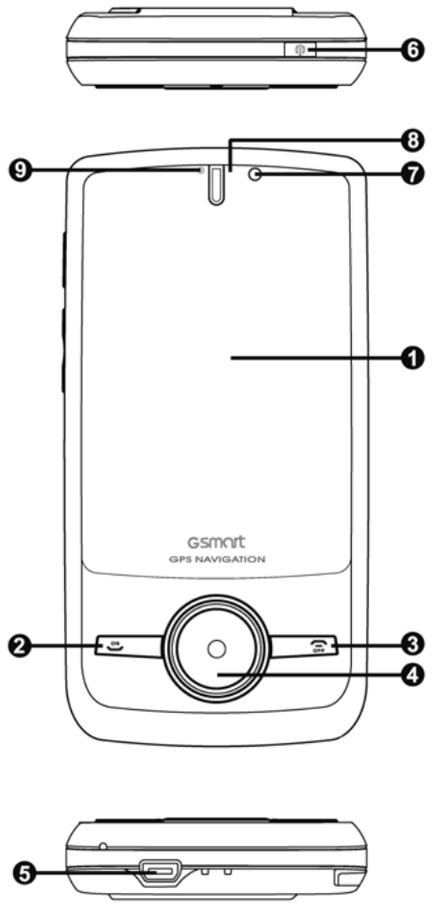
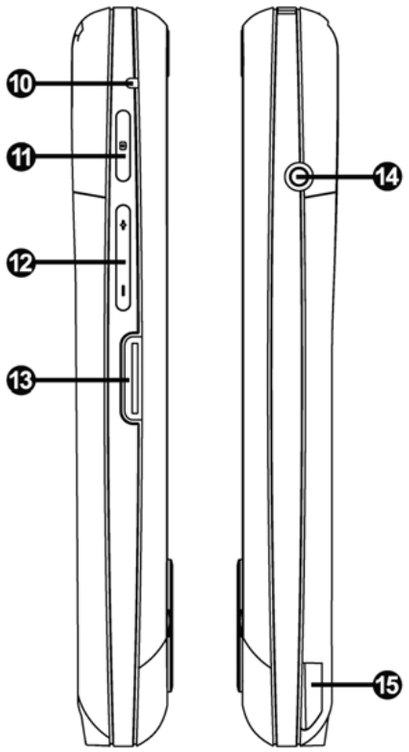
1 Before Using Your Device

1.1 Getting to Know Your Device

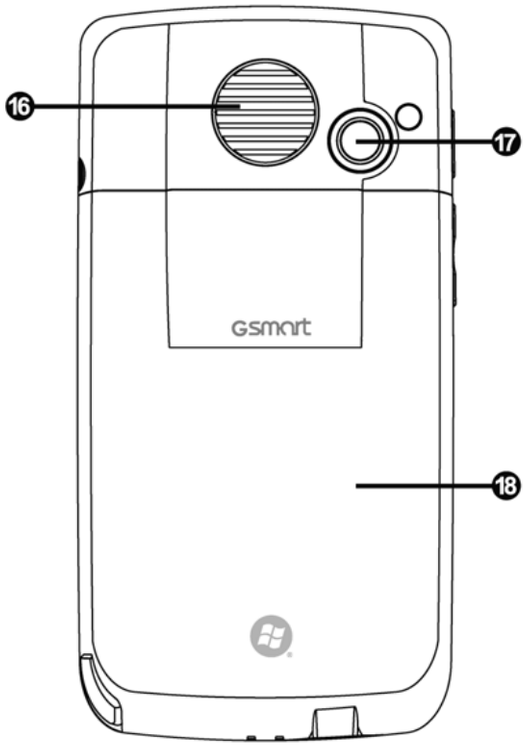
This section introduces you to the hardware of the device and its function keys.



No.	Item	Function
1	**Touch Screen**	Display screen. Use stylus to select items on the screen.
2	**Talk/Send Key**	You can make or answer a call by pressing Talk/Send key, or go to Phone Dialer screen.
3	**End Key**	Press this key to end a call or to return to Today screen from any screen.
4	**Navigation Key**	Press up, down, left and right directions to navigate. Tap the center key to execute the selected function or application.
5	**Mini USB slot**	Use USB connector to synchronize data with your desktop PC, transmit data or charge the battery.
6	**Power On/Off**	Press and hold Power key for a few seconds to power on/off your device.
7	**Front Camera Lens**	Use when making Video calls.
8	**LED Indicator1**	The LED indicator indicates the status of your device by showing different colors. **Blue:** Bluetooth is activated. **Orange:** Wi-Fi is activated. **Purple:** Notification, GPS signal is detected.
9	**LED Indicator2**	The LED indicator indicates the status of your device by showing different colors. **Green:** Mobile network is detected. **Red:** Charging activated.



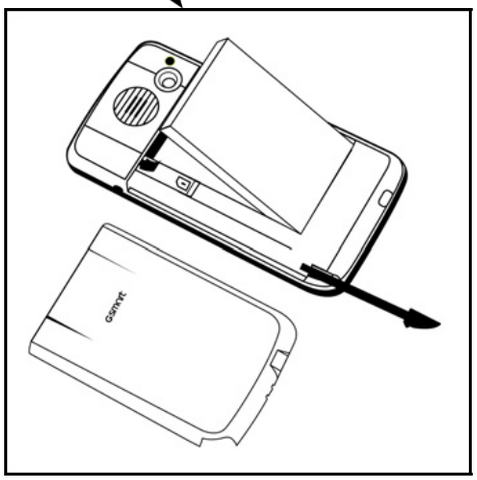
10	**Soft Reset Button**	Press the button with stylus to soft reset your device.
11	**Camera Key**	Press and hold camera key to launch camera function.
12	**Volume Key**	Slide this key upwards or downwards to adjust volume.
13	**Micro SD card slot**	You can insert your Micro SD card here.
14	**Headset Plug**	Plug in headset, and then you can listen to the FM radio, music via the headset or use the device's hands-free kit.
15	**Stylus**	Use the stylus to touch the screen panel.
16	**Speaker**	Besides using stereo headset, you may play music/voice through the built-in speaker.
17	**Camera Lens**	The CMOS camera on the back of the device supports 5-mega-pixel photo and high quality video.
18	**Battery Cover**	Push and slide out the cover to replace battery and unlock SIM card hatch.



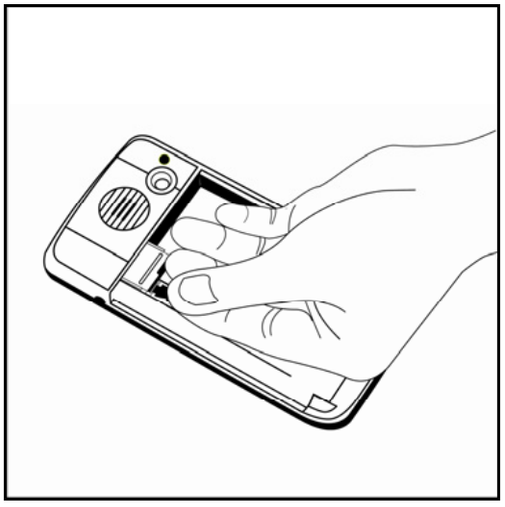
1.2 Insert the Battery & SIM card

Before inserting/removing a SIM card, please make sure that MS820 is powered off and is not connected to any power supply.

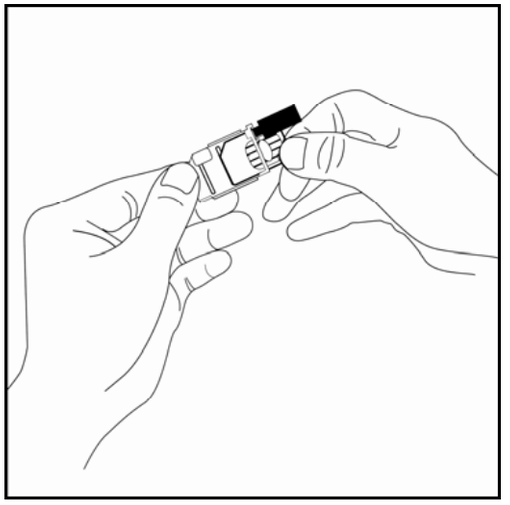
1. Look at the back of your MS820. Remove the stylus. Push and slide on the battery cover, and remove the battery.



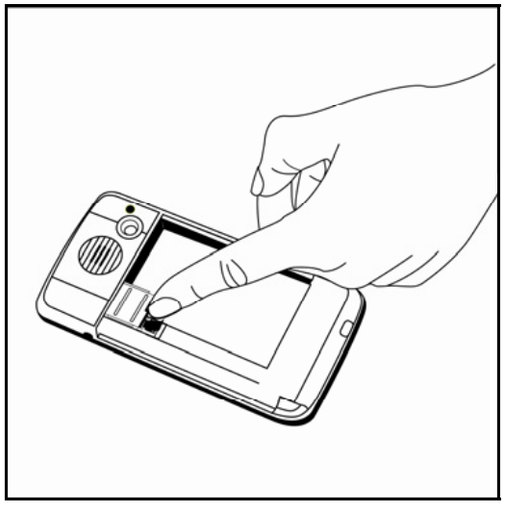
2. Find the SIM card carrier on the upper-left corner of the device.



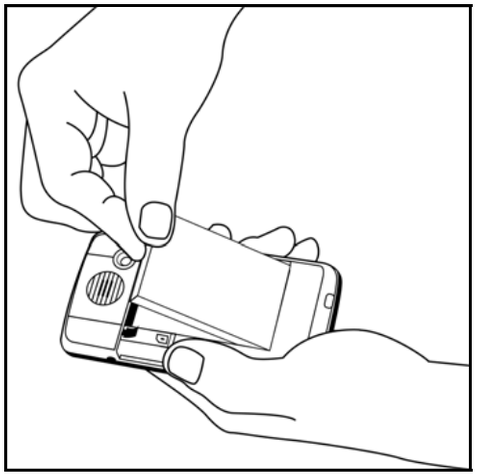
3. Insert the SIM card into the carrier.



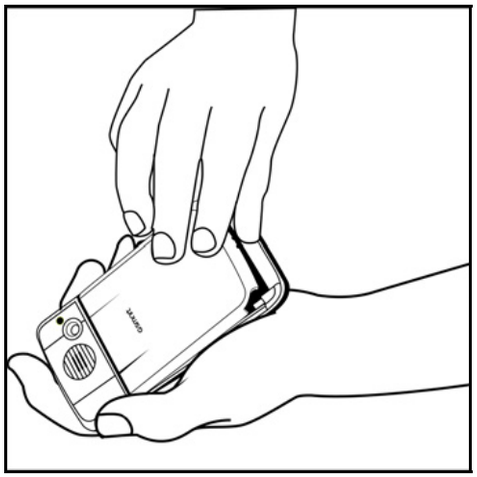
4. And then insert the SIM carrier back into the slot with the metal contacts on the SIM facing down. (do not force the carrier into the slot)



5. Return the battery back to the battery slot and stylus back onto the device in that order.



6. Slide the battery cover back and push until you hear “click”.



1.3 SIM

Before using your MS820, you must contact a network operator to get a personal SIM (Subscriber Identity Module). The SIM card contains the device number, the services included in your subscription, and your personal data such as your phonebook and messages. The phone functions are unusable (except for emergency calls) until a valid SIM card is inserted.

Note: If the device or the SIM card is lost or stolen, you should contact your network operator immediately in order to prevent unauthorized use.

1.4 Battery

Your MS820 comes with a removable and rechargeable Lithium Polymer battery. The standby time and talk time will depend on your actual usage network coverage and whether the device is in standby mode. The battery life may also vary depending on how frequently the user switches between functions.

Note: Using any battery pack or AC adapter (charger) not specified/endorsed by GSmart on this phone may be dangerous and may invalidate any warranty and approval given to the device. Unplug the charger from the power supply when it is not in use.

Charging the battery

Please make sure that the battery is installed and fully charged when using your MS820 for the first time. You may charge the battery in the following ways:

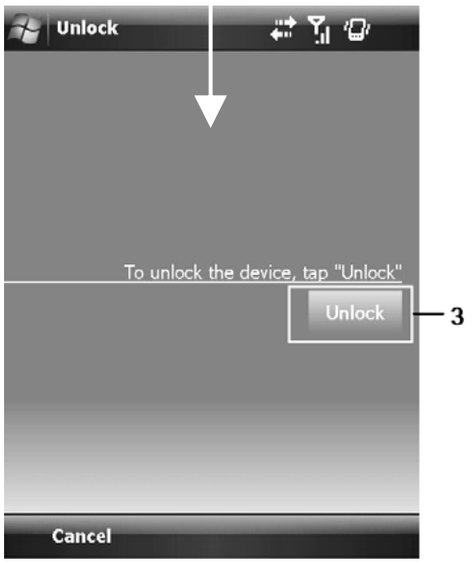
1. Universal AC Adapter: Plug your AC adapter into a suitable main power socket, and plug the connector to the charging slot of your MS820. The phone will start charging automatically.
2. USB cable: Connect your MS820 to your PC’s USB port with the USB cable supplied in your package.

1.5 Lock/Unlock

1. Lock the device:
On Today screen, tap Device unlocked to lock the device. The device will not respond to touches on screen nor react to any input on the keypad, when it is locked.

You may also enable the device to lock automatically after the screen backlight is turned off.

2. Unlock the device:
Tap “Unlock” on the lower-left corner of the screen. Then tap “Unlock” button on the newly appeared screen, and the device is unlocked.

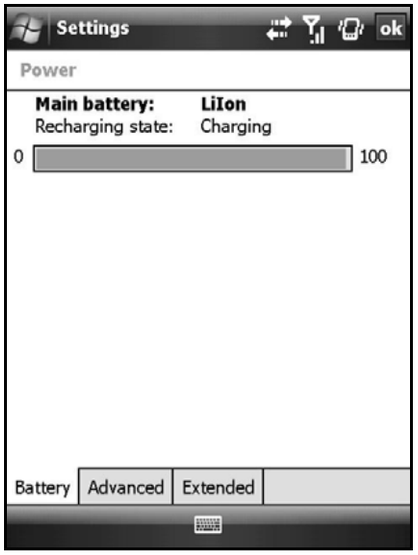


1.6 Power

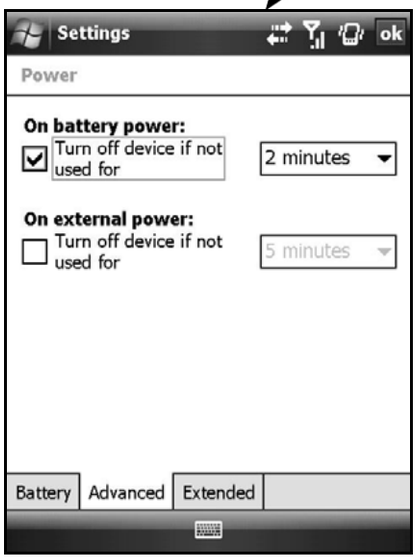
Power on
While the device is powered off, press Power key on the top of the device to power it on.

Power off
While the power is on, press, and hold Power key on the top of the device for about 5 seconds to turn it off. To reduce the power consumption of your device, you may change the backlight duration and brightness level. Also, you can save more power by setting the device to turn off automatically if it is not in use for a specific period of time.

Battery power level
Tap Start > Settings > System tab > Power > Battery tab. The bar indicates the remaining battery power level.



Turn off the device automatically
Tap Start > Settings > System tab > Power > Advanced tab, and select the duration before the device turns off by itself. This feature controls the screen standby time.



Sleep Mode

1. Sleep Mode is a power saving mode designed to reserve battery power. After idling for a period of time, the device automatically enters Sleep Mode. You may also manually enter Sleep mode by pressing power On/Off key shortly. The backlight of the screen will turn off and the device will go into Sleep mode. When in Sleep mode, your device will show no response to any operation or touches on the screen and keypad.
2. Press the power On/Off key again to exit Sleep mode.
3. You may set the time to activate Sleep mode. The device will automatically enter Sleep mode when no operation is done within that time.

- Tap Start > Settings > System Tab > Power > Advanced Tab.
- Check “Turn off device if not used for” Please select “On battery power” or “On external power”.
- Select your desired time period.
- Tap “OK” to complete this setting.

2 Getting Started

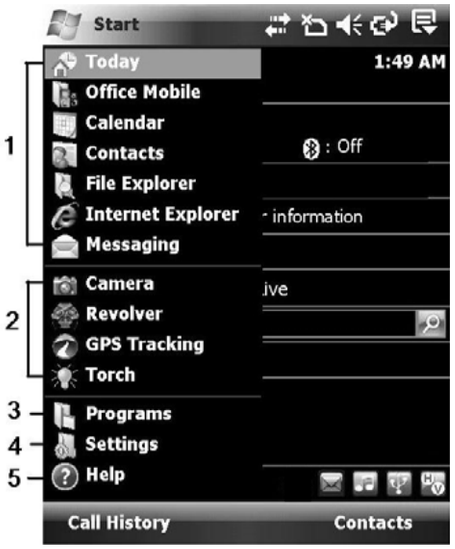
2.1 Display Information

The main screen displays the following information:

1. **Start menu**
   Tap “Start” to open Windows Start menu on the upper-left corner of the screen. To return to Today screen at any time, Tap Start > Today.
2. **Status & Icon area**
   Display notification icons and system status. You can tap the icon to look into the detail or settings of the function.
3. **Today screen**
   On Today screen, this area contains shortcuts to certain programs and important information of today. To change Today screen settings, tap Start > Settings > Personal tab > Today
4. **Command area**
   Depending on different mode, this area contains different features such as menu options, input panel and commands to create or edit a file.
5. **Pop-up menu**
   This allows you to access an item quickly. Tap the selected item to perform an action. To cancel this pop-up menu, tap other areas of this screen.

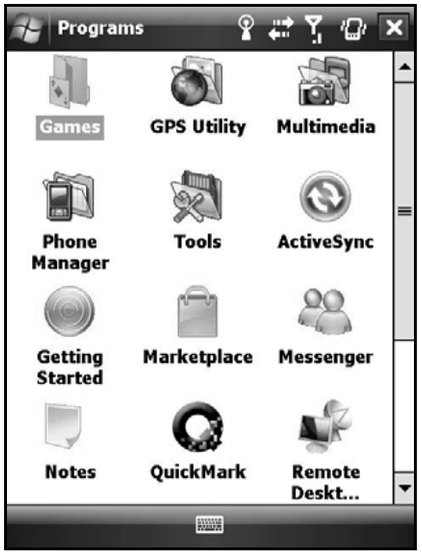
Start Menu

1. Quick access to certain fixed Microsoft programs.
2. The most recent programs you have used.
3. Tap on Programs to enter the Programs menu.
4. Tap on Settings to enter the Settings menu.
5. Tap on Help to see detail information about different features.



Programs

You will see many application icons under your Programs menu. From Programs menu, you may tap the application icon that you desired to use to execute the application.



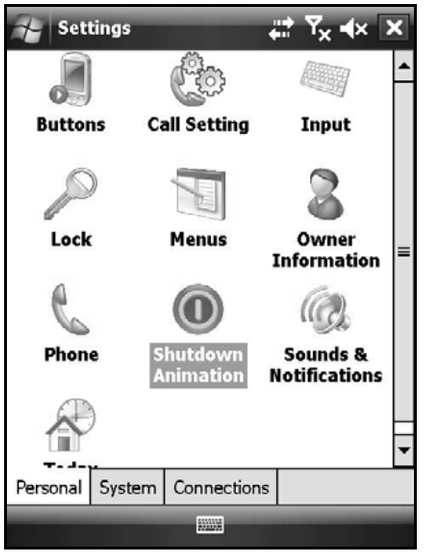
From Today screen > Start > Programs
Your device contains the following programs:

Icon	Programs	Description
	Multimedia	Audio Mixer, Camera, Pictures & Videos, Recorder, JAVA, FM Radio, Streaming Player
	Tools	Calculator, Restore to Default, Torch, Zip, Spb Backup
	Phone Manager	Dial Kit, Internet Sharing, SIM Manager, Black List
	Games	Bubbles Breaker, Solitaire, Revolver, SHIBALA, Smart ball
	ActiveSync	Transmit data between your computer and the device.
	Getting Started	Quickly guide you to instruct the common use functions.
	Marketplace	You can purchase, and download applications from the Internet for your device.
	Messenger	Perform MSN functions.
	Notes	Write notes, memo, or

		drawings.
	Remote Desktop Mobile	Connect, and control your desktop computer remotely from your device
	Search	Search for all data, programs, and files.
	Windows Live	This is your gateway to help with Live Search.
	Windows Media	Play sound and video files with this device.
	GPS Utility	GPS Tracking, Location Message
	QuickMark	Decode barcodes.
	Voice Commander	Start programs and functions with voice.

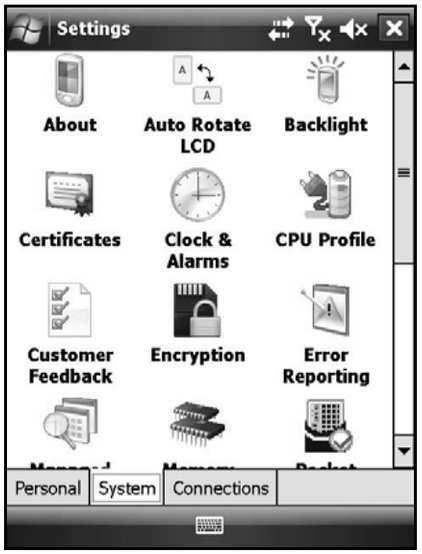
Settings
MS820 contains Personal, System, and Connections setting items.

Tap Start > Settings > Personal tab



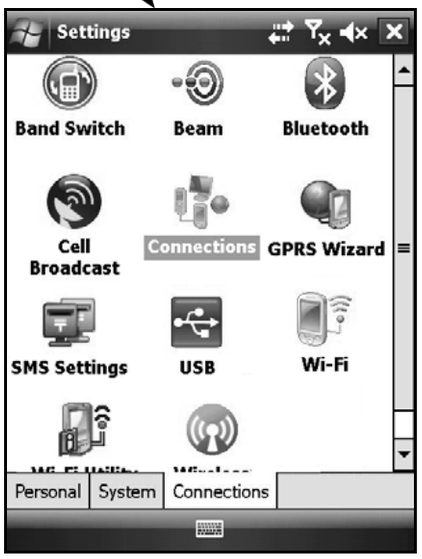
Program	Description
Buttons	You may assign programs to hard keys.
Call Settings	You can set your device with the functions, when you are on a call.
Input	You can set your preferred input method.
Lock	You may set a personal password for the device.
Menus	Select the programs to be displayed in Start menu.
Owner Information	You may input your personal information.
Phone	Settings for phone functions.
Shutdown Animation	Settings for shutdown screen.
Sounds& Notifications	Settings for alarm sound and notification.
Today	Settings for screen appearance and display items.

Tab Start > Settings > System Tab



Program	Description
About	Contains information of the device.
Auto Rotate LCD	You can automatically rotate LCD by simply turning your device sideways.
Backlight	Settings for backlight.
Certificates	Identify the device to others to prevent unauthorized access.
Clock& Alarms	Settings for time and alarms.
CPU Profile	Adjust different profiles for CPU power management.
Customer Feedback	Customer Experience Improvement Program.
Encryption	Encrypt data in your micro SD card.
Managed Programs	Examine the installed programs
Memory	Memory status and running programs.
Power	Power status and wireless signals.
Quick Menu	You can activate the Quick Menu at the upper-right corner of the screen.
Regional Settings	Settings for region, number, currency, time, and date.
Remove Programs	Remove programs from your device.
Screen	Screen orientation, screen alignment, and text size.
Task Manager	Examine the applications which are using. You can examine their amount of memory and their CPU consumption.
Windows Update	Download and update Windows Mobile. To help keep your mobile device protected.
Error Reporting	Report the errors which exist in the system operation.
Voice Commander Settings	Set how to start programs and functions with voice.

Tap Start > Settings > Connections Tab



Program	Description
Band Switch	Select band system.
Beam	You can choose to receive all incoming beams.
Bluetooth	Settings for Bluetooth function.
Cell Broadcast	Receive broadcast channel information and news from your service provider.
Connections	Settings and management for modem connections.
GPRS Wizard	Basic settings for GPRS connection.
SMS Settings	Receiving and sending text message set up.
USB	Use the device as a micro SD card reader.
Wi-Fi	Configurations for Wi-Fi.
Wi-Fi Utility	Display Wi-Fi status and IP info.
Wireless Manager	Turn on/off Bluetooth, flight mode.

Status & Icon area

This area shows icons of basic system status or alerts. You can tap on the icons to get the definitions or go to the settings.

Status Type	Icon	Description
Battery		Main battery power. The level of battery power is shown in percentage.
		Low battery. Please recharge.
		Battery is charging.
Calls		You have missed calls.
		Voice call in active.
Connections		3G network is connected.
		GPRS is in range.
		GPRS is connected.
		Building connection to GPRS.
		Bluetooth is activated.
		Wi-Fi is activated; a Wi-Fi network is in range; Wi-Fi network is connected.
Signal		Strong signal.
		No signal.
		Roaming.
		GPS signal is trying to connect, and is connected.
		GPS Tracking is trying to connect.
		GPS Tracking is connected.

		Location Message GPS signal is trying to detect.
		Location Message GPS signal is detected.
Message		You have one or more new message(s).
		You have one or more new voice mail(s).
		You have one or more instant message(s).
Volume		System volume.
		Phone volume.
		Ringer is on.
		Ringer is off.
Quick Menu		Memory Management, Adjust Brightness, Quick Menu Setting.

2.2 Screen Orientation

You can choose your screen display in Portrait or Landscape mode. The Portrait mode allows you to get a better view or a better operation of certain programs on your device, while Landscape may be optimal for viewing longer text files. You can also change the default screen display by following the steps below:

1. Tap Start > Settings > System tab > Screen > General tab.
2. On General tab screen, select your desired orientation, Portrait, Landscape (right-handed), or Landscape (left-handed).
3. Tap OK, and the screen will be changed accordingly.

Portrait

Landscape

2.3 Setting the Time & Date

When using MS820 for the first time, you are required to set your time zone, time, and date. You can also tap on the clock icon on Today screen to setup time and date.

1. Tap Start > Settings > System tab > Clock& Alarms > Time tab.
2. Select Home or Visiting.
3. Select your time zone.
4. Select AM / PM.

5. Use the up and down arrow aside hour, minute, and second to adjust the highlighted time unit.
6. Tap the down arrow aside the date to open a calendar, and select a desired month, date, and year.
7. Tap OK, a pop-up window will appear on your screen to confirm to Save Changes to the clock settings.
8. Tap Yes to save the changes and exit.

Note: Change the time on Home zone may change your Calendar schedule.

2.4 Using the Stylus

Use the stylus to touch or write on your screen. Using stylus can avoid damaging your screen. There are 2 ways to use your stylus:

- Tap: softly tap on a desired item by your stylus, and lift the pen from the screen.
- Press: under some certain condition, touch and hold your stylus on a desired item for a few seconds until a blue dotted circle appears. This indicates that a pop-up menu is going to be activated.

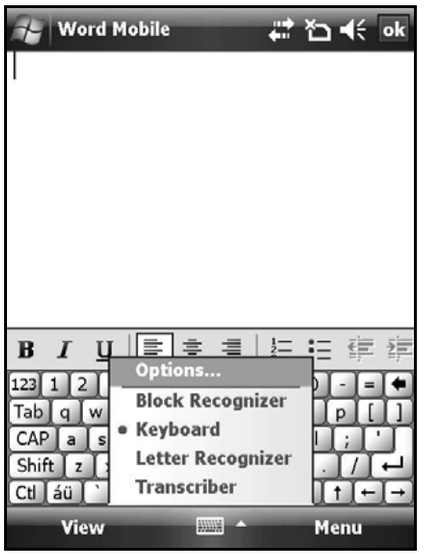
2.5 Screen Alignment

When using MS820 for the first time, screen alignment is required. If you find that the device does not accurately respond to your stylus taps, or you have performed a system reset, you need to align your screen again.

1. Tap Start > Settings > System tab > Screen > General tab.
2. Tap “Align Screen” on your screen.
3. On the align screen, use your stylus to touch the crosses on the screen accurately.
4. Tap “OK” to exit.

2.6 Input Method

1. Start a program such as Word Mobile.
2. Tap the Input Panel icon at the lower center of the screen, and tap the Input Selector arrow icon to select the input method.



Block Recognizer

With Block Recognizer, you can input character strokes (using the stylus) that are similar to those used on other devices.

1. Tap the Input Panel icon at the lower center of the screen, and tap the Input Selector arrow icon to select Block Recognizer.
2. Write letters and numbers in a corresponding field, the system will display the letters/numbers identified from your handwriting.
3. Do not write letters/numbers continually to prevent recognition errors.
4. Do not write letters outside of the input fields.

Keyboard

You can input data by using screen keyboard.

1. Tap the Input Panel icon at the lower center of the screen, and tap the Input Selector arrow icon to select Keyboard.
2. On your screen keyboard, tap Shift or CAP key to input a capital letter or to input multiple symbols.
3. Tap the delete key on your screen keyboard to delete.
4. To close the screen keyboard, tap the Input Panel icon again on your screen to hide the screen keyboard.

> **Note:** To change the displayed keyboard size on the screen, tap the Input Selector arrow icon beside the Input Panel icon and tap Options. Under Input screen, you may select either Large keys or Small keys by tapping on its radio button.

Letter Recognizer

1. Tap the Input Panel icon at the lower center of the screen, and tap the Input Selector arrow icon to select Letter Recognizer.
2. Write letters and numbers in a corresponding field on your Letter Recognizer screen. This device will display the letters/numbers that you had just input in Letter Recognizer fields.
3. Tap the delete key to delete an input.

Transcriber

Transcriber is a handwriting recognition program that allows you to write in cursive, print\, or a combination of both. Transcriber works transparently in the background of programs, recognizing words with its integrated dictionary. When Transcriber is turned on, it interprets stylus movement anywhere on the screen as handwriting input.

1. Tap the Input Panel icon at the lower center of the screen, and tap the Input Selector arrow icon to select Transcriber.
2. Position the cursor where you want text to appear.
3. Use the stylus to write anywhere on the screen. The handwriting will be converted to text after you lift the stylus from the screen.

2.7 Drawing on the Screen

You can draw on the screen in the same way that you write on the screen. The difference between writing and drawing on the screen is how you select items and how they can be edited. For example, selected drawings can be resized, while writing cannot.

Creating a drawing

Cross three ruled lines on your first stroke. A drawing box appears. Subsequent strokes in or touching the drawing box become part of the drawing. Drawings that do not cross three ruled lines will be treated as writing.

Selecting a drawing

To edit drawing, select it first.

1. Tap and hold the stylus on the drawing until the selection handle appears. To select multiple drawings, deselect the pen button and drag it to select the drawings you want.
2. You can cut, copy, and paste selected drawings by tapping and holding the selected drawing and tapping an editing command on the pop-up menu, or by tapping the command on Edit menu. To resize a drawing, make sure Pen button is not selected, and drag a selection handle. To change the zoom level so it is easier to work or view your drawing, tap Menu > Zoom, and select a zoom level.

2.8 Recording a Message

In any program where you can write or draw on the screen, you can also quickly capture thoughts, reminders, and phone numbers by recording a message. In Calendar, Tasks, and Contacts, you can include a recording in Notes tab. In Notes, you can either create a standalone recording, or include a recording in a written note. If you want to include the recording in a note, open the note first. In the Messaging program, you can also add a recording to an E-mail message.

Creating a recording

1. To add a recording to a note, open the note before recording. Tap Start > Programs > Notes.
2. If there is no Record/Playback toolbar, tap Menu > View Recording Toolbar.
3. Hold your device's microphone near your mouth or another sound source.
4. To start recording, tap .
5. To stop recording, tap . The new recording appears in the note list.
6. To play a recording, tap in the open note or tap the recording in the note list. You can also access the Record/Playback tool bar by pressing down Volume key for a while. To quickly create a recording, hold down Volume key. When you hear the beep, recording has begun. Release the button when you are finished. The new recording is stored in the open note, or as a standalone recording, if no note is opened.

2.9 Editing My Info

You can input your personal information to your device in Owner Information.

1. Tap Start > Settings > Personal tab > Owner Information > Identification tab.
2. Tap Name field, and input your name.
3. Tap a desired input field and input your information.
4. Tap Notes tab to input other information you would like to display on Today screen.
5. If you want your information to be displayed on the starting screen, tap Options tab.

2.10 Password Setup

You can set your own password to prevent unauthorized use of your device.

1. Tap Start > Settings > Personal tab > Lock> Password tab.
2. On Password tab screen, check Prompt if device unused for.
3. Select an appropriate time.
4. Select a password type in Password type field.
5. Input your password in Password field and reconfirm the password in Confirm field.
6. Tap OK, a pop-up window will appear to confirm, “Do you want to save password settings changes?”
7. Tap Yes to finish settings and save the changes; Tap No to cancel.
8. You may also input password hint message under Hint tab screen.
9. Tap OK to save your inputs.

Note: If you forget your password, you need to perform system default, which will lose all your data and settings.

2.11 Multi-Language

The device supports multi-language automatically. If the documents don’t show correctly, tap “Start” > Settings > System > Region and select the region and the language you want. Supported languages in alphabetic order are: Afrikaans, Albanian, Arabic (Saudi Arabia), Azeri (Cyrillic), Azeri (Latin), Basque, Belarusian, Bulgarian, Catalan, Chinese (Hong Kong S.A.R.), Chinese (Macau S.A.R.), Chinese (People’s Republic Of China), Chinese (Singapore), Chinese (Taiwan), Croatian, Czech, Danish, Dutch (Belgium), Dutch (Netherlands), English (Australia), English (Belize), English (Canada), English (Caribbean), English (Ireland), English (Jamaica), English (New Zealand), English (Philippines), English (South Africa), English (Trindad), English (United Kingdom), English (United States), English (Zimbabwe), Estonian, Faroese (Faroe Islands), Finnish, French (Belgium), French (Canada), French (France), French (Luxembourg), French (Monaco), French (Switzerland), FYRO Macedonian, German (Austria), German (Germany), German (Liechtenstein), German (Luxembourg), German (Switzerland), Greek, Hebrew, Hungarian, Icelandic, Italian (Italy), Italian (Switzerland), Japanese (Japan), Korean (Korea), Latvian, Lithuanian, Norwegian (Bokmal), Norwegian (Nynorsk), Polish, Portuguese (Brazil), Portuguese (Portugal), Romanian, Russian, Serbian (Cyrillic), Serbian (Latin), Slovak, Slovenian, Spanish (Argentina), Spanish (Bolivia), Spanish (Chile), Spanish (Colombia), Spanish (Costa Rica), Spanish (Dominican Republic), Spanish (Ecuador), Spanish (El Salvador), Spanish (Guatemala), Spanish (Honduras), Spanish (International Sort), Spanish (Mexico), Spanish (Nicaragua), Spanish (Panama), Spanish (Paraguay), Spanish (Peru), Spanish (Puerto Rico), Spanish (Traditional Sort), Spanish (Uruguay), Spanish (Venezuele), Swahili, Swedish, Swedish (Finland), Tatar, Thai, Turkish, Ukrinian,

Urdu (Islamic Republic of Pakistan), Uzbek (Cyrillic), Uzbek (Latin).

2.12 Smart Touch

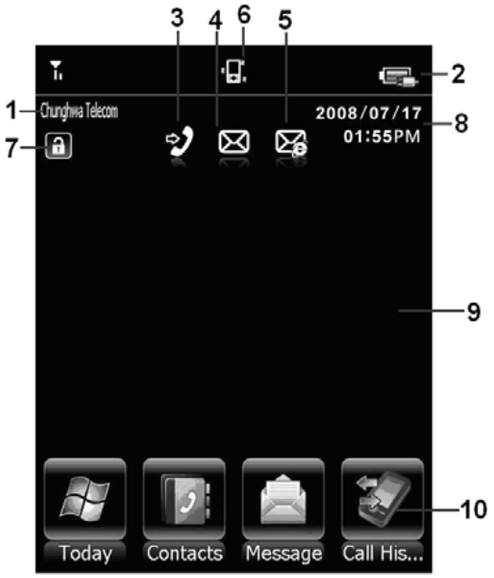
Today and Smart Touch are different main screens.

Easy touch icon to change the screen from Today to Smart Touch. You could set one of them as default main screen.

Shortcut Bar

Smart Touch Home

After you get into Smart Touch, you can tap Today icon to change to the Today screen.



No.	Items	Description
1	**Operator/ Signal**	Display your own operator system name and communication signal.
2	**Battery**	Display battery status.
3	**Call History**	You can check the phone call records or missing phone calls.
4	**Messaging**	You can send, and check messages.
5	**E-mail**	You can send, and check Outlook E-mail.
6	**Indicator Bar**	Display notification icons and system status.
7	**Lock/ Unlock**	Tap it to lock or unlock your device.
8	**Time/ Date**	Display time and date.
9	**Wallpaper**	You can touch, and slide the screen (right to left/ left to right) to switch the screen to show the wallpaper, analogue clock, calendar, Smart Album, Smart player.
10	**Shortcut Bar**	You can touch, and slide the shortcut bar (right to left/ left to right) on the screen to show Today, Contacts, Message, Call History, Programs, Files, Calendar, Setting, and Add.

Wallpaper

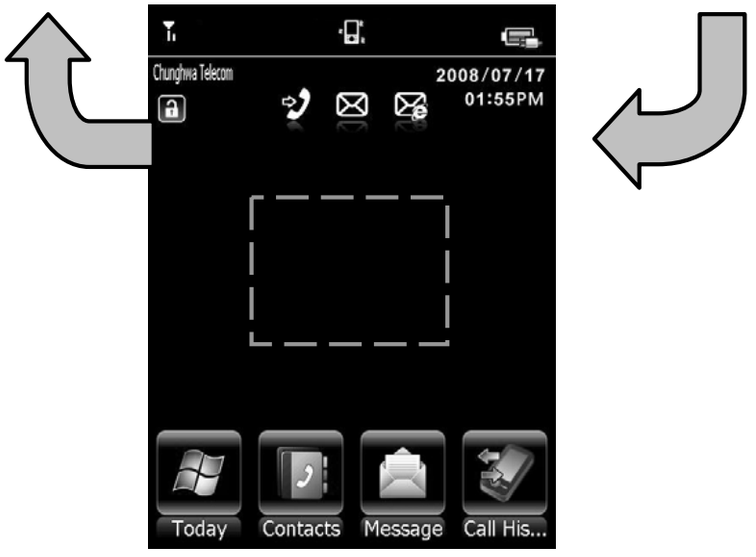
It contains the pure wallpaper, Analogue clocks, calendar, Smart Album, Smart Player. Tap and slide the screen (from right to left/ left to right) on the screen to switch these four different contents, which can move in circles.

Analogue Clock

Calendar

Smart Album

Smart Player



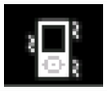
Pure wallpaper

Advance Features

The Smart features could be able to provide more information. You can tap the icon to set favorite preferences.

Indicator Bar

It displays the notification icons and system status.

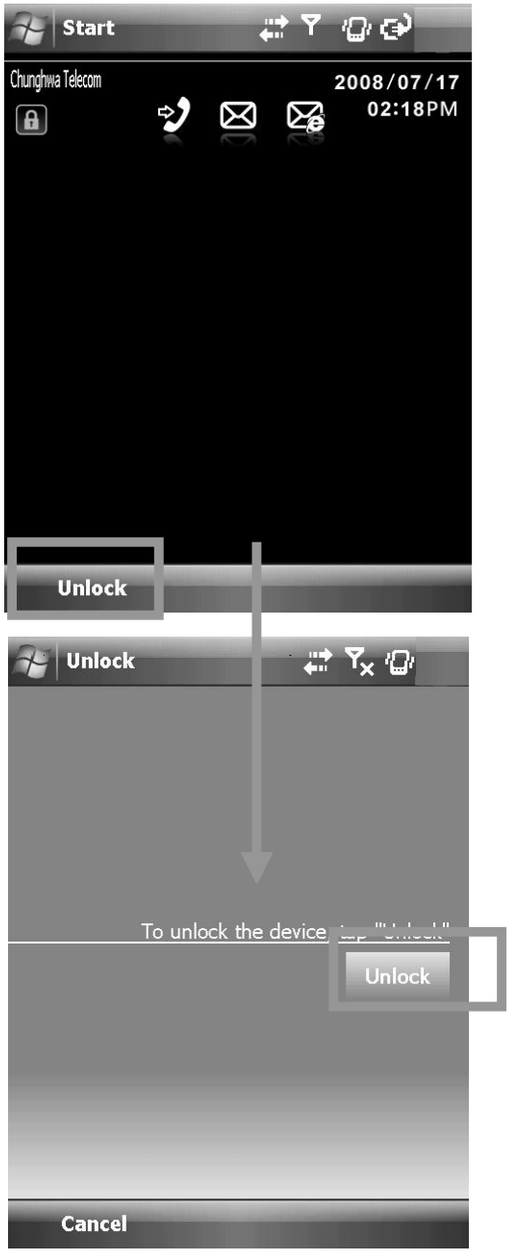
Icon	Descriptions
	Sound Off
	Vibrate On
	Headset plug in.

Device Lock/ Unlock

1. Lock the device: On Smart Touch Home screen, tap the Device unlocked icon to lock your device. The device will not respond to any touch actions on the screen, nor react to any input on the keypad, when it is locked.

2. Unlock the device: Tap Unlock on the lower-left corner of the screen. Then tap Unlock button on the newly appeared screen and the device is

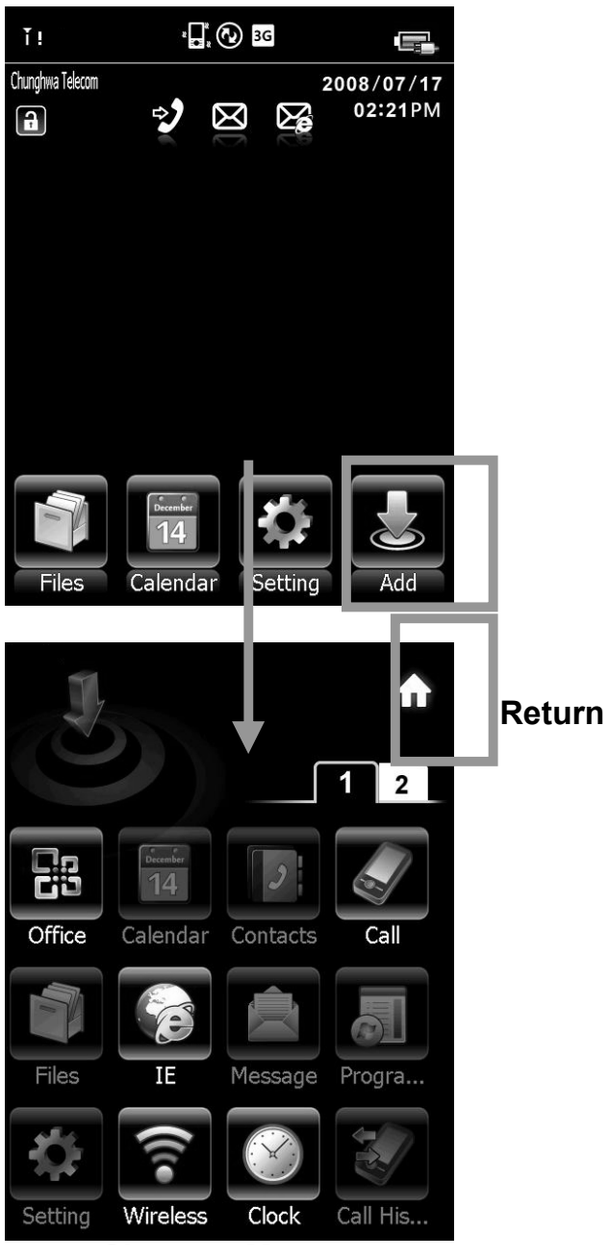
unlocked.



Shortcut Bar

The shortcut bar shows the items which are used frequently. You can add or delete items on the shortcut bar. See “Add the items to Shortcut Bar” and “Delete the items which are in Shortcut Bar in Shortcut Manager”.

Tap the Add icon to review all the items in Shortcut Manager, and then tap the icon to return to Smart Touch Home.



Shortcut Manager

Add the items to Shortcut Bar

The shortcut bar contains four items at least. You tap the Add icon to review all items in Shortcut Manager, and then you can add the desired items on the shortcut bar; the steps are as below:

1. Tap the item.
2. Hold, and drag the item to the Add icon .

Delete the items which are in Shortcut Bar in Shortcut Manager

1. Tap the item which is added on the shortcut bar.
2. Hold, and drag that item to the Turn Round icon .

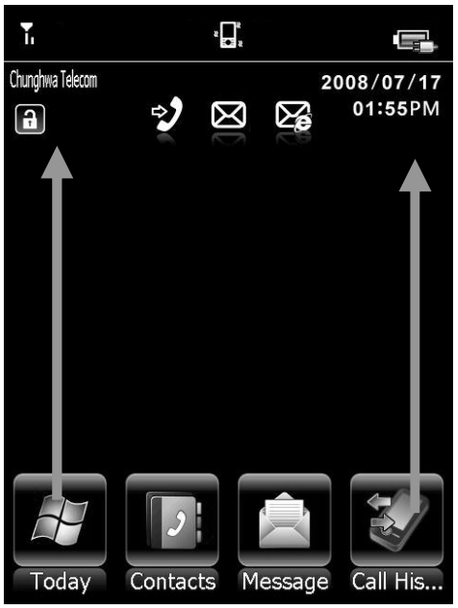
Delete the items in Shortcut Bar
You can delete the items on Smart Touch Home; the steps are as below:

1. Tap the item.
2. Hold, and drag the item to the Delete icon .

To change position of items in Shortcut Bar
You can change the position of the items on the shortcut bar. Hold, and drag the item to the wanted position.

Contacts

1. Slide right or left side of the screen from the down side to the up side to show Contacts



2. Slide right or left side of the screen to select a set of contacts, and then tap a wanted contact. Besides, you can select the contact by your contacts' initial letters on the shortcut bar.

Rolling Dial

3. Tap the Return icon to go back to the Smart Touch Home.

Smart Album

Smart Album is a picture-viewing application. You can open it to view the pictures on the phone and memory card. You can watch automatic playback album in the slide show also.

Icon	Descriptions
	Slide show
	Next and Previous photos
	Launch the Smart Album

Smart Album Interface

Select Start > Programs > Multimedia > Smart Album to launch the Smart Album.

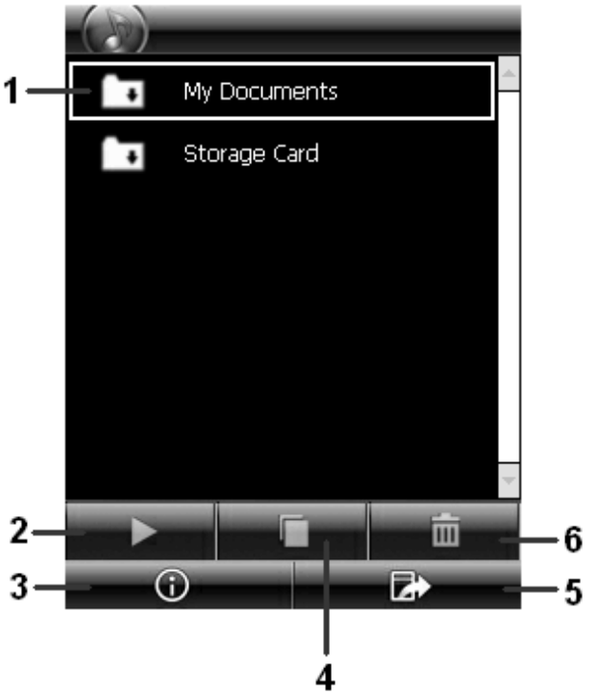
No.	Items	Description
1	**Select it to view the photos**	You can select it to view the photos
2	**About**	Smart album version
3	**Full Screen**	Press to view the pictures in full screen

4	**Switch Function**	You can go to Smart Editor, Slider show, and Camera mode
5	**Exit**	Exit the Smart Album
6	**Delete the photos**	You can delete the selected photos

Smart Player
Smart Player is the most feature-rich mobile audio player. You can use it easily.

Icon	Descriptions
	You can select it to listen to previous songs and next songs. You can select it to play, or pause songs also
	Adjusts volume
	Play mode (repeat, or random songs)
	Launch the Smart Player

Smart Player Interface
Select Start > Programs > Multimedia > Smart Player to launch the Smart Player.



No.	Items	Description
1	**Playlists**	Check the music lists on your device and storage card
2	**Play**	Play music
3	**About**	Smart Player version
4	**Copy**	You can copy music to device or storage card
5	**Exit**	Exit the Smart Player
6	**Delete**	You can delete the selected music

Music player Mode
You can listen to music or watch videos after adding some to Music Player. The following is Playing screen. And the table describes the elements on the playing screen.

No.	Items	Description
1	**Playback**	You can select it to listen to previous songs and next songs. You can select it to play, or pause songs also
2	**Volume Status Bar**	Adjusts volume
3	**Sound ON/ Off, Equalizer and Play mode**	You can turn the sound on or off. And choose equalizer mode or Play mode (repeat, or random songs)
4	**Play Status**	Show the play status
5	**Minimize**	Minimize the Smart Player
6	**Playlist**	Check the music lists
7	**Current Music number Indicator**	Current Music number/ total number Indicator

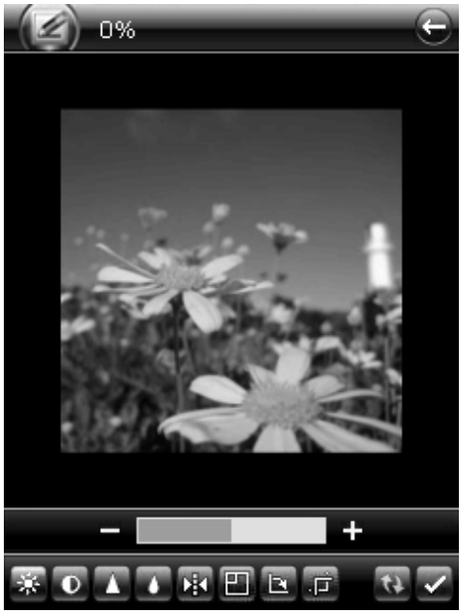
Smart Editor
You can simply edit images by scaling, rotating, cropping, framing, drawing, morphing, pasting clip art and text editing.

Editor function icons description:

Icon	Description
	Tools

	Drawing
	Morph
	Filter
	Frame
	Clip Art
	Text
	Reset
	Go Back to Picture List
	Options (Save, Open, About)

Tool function icons description:



Icon	Description
	Adjust Brightness
	Adjust Contrast
	Adjust Sharp
	Adjust Blur
	Adjust Mirror or Flip
	Adjust Scale
	Crop the picture
	Adjust Rotate
	Before you save the edited picture, they can use Reset to clear up all the edited result
	To confirm all the attached stamps and return to upper level (Edit Mode)
	Quit choosing and returning to the edit main page

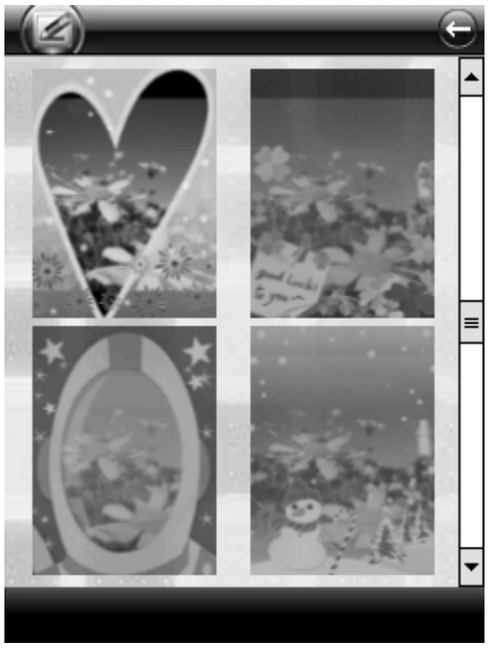
Draw function icons description:

Icon	Description
	Draw a straight line, and select line size
	Draw a freeform line, and select line size
	Draw a circle or rectangle
	Select the color of the line
	Drag image
	Undo the last instruction
	Remove all the drawings, but stay in draw page
	To confirm all the actions, and return to the upper level (Edit Mode)
	Remove all the drawing stuffs, and return to the Edit main page

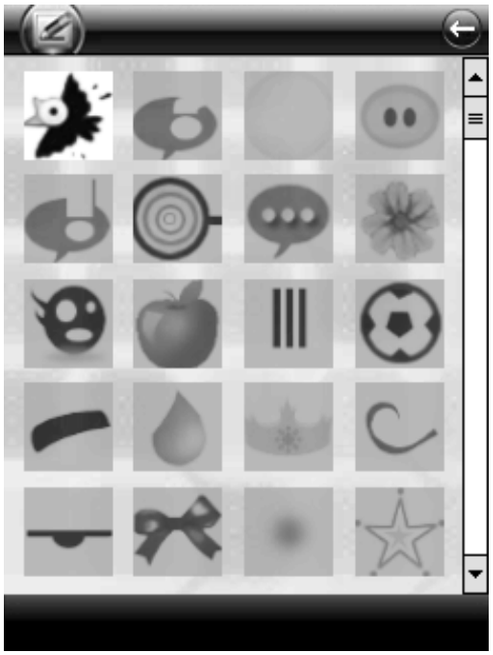
Morph:
Morph allows you to freely edit facial expression of the image. There are several icons in the edit main mode. Click to start morph, use stylus to drag a rectangle, and then click on the rectangle area. Pressing or to change different facial expressions.

Filter:
There are several interesting filter effects onto the photo. Pressing or to change different filter effects.

Frame:
You can select the interesting frames, and apply it onto the selected image.



ClipArt:
In clipart, select the desired clipart, and apply it onto the selected image to design interesting image. The clipart will be shown in the center of the image. You can move it by dragging the clipart.



Text
You can type words on the photo.

3 Phone Functions

3.1 Phone Dialer Screen and Key Introduction

Press Talk/Send key to enter phone functions. Please insert a SIM card before using these functions.

Phone Dialer screen

From Phone Dialer screen, you can access Contacts, Speed Dial, Call History, and more options under Menu. This screen has the following features:

1. The name of the network provider
2. The number you entered
3. Touch screen keypad
4. Hide Keypad
5. Signal strength
6. Clear numbers
7. Speed Dial
8. Make/End a video call
9. Make/End a voice call
10. Menu to access more options

When a call is connected, the screen displays the following:

1. The calling status
2. The name and number of the contact you are calling
3. Speaker On/Off
4. Create a note for the call
5. Return to the dialer phone screen
6. Contact list
7. Mute the call
8. Hold the call
9. End the call
10. Menu to access more options

3.2 Making a Call

After entering the phone function, you can make a call by entering the phone number, or select a number from Contacts, Speed Dial, and Call History.

1. After entering Phone Dialer screen you can dial a number using the keypad on the screen.
2. To delete an error input, use key on your screen.
3. Press Key to make a call.

4. Press Key to end the call.

Speed Dial

You can set ten phone numbers in your speed dial list.

1. After entering phone function, press Menu > View > Speed Dial to enter your Speed Dial List.
2. On your Speed Dial List screen, you can select a contact on your list to see the contact's detailed information.
3. To make a call, press the corresponding number on your keypad to call the contact on your speed dial list.
4. You can also use the navigation key to select a contact you want to call on the speed dial screen, and then press Call Key to call.
5. Press End Key to end the call.

3.3 Receiving / Ignoring a call

When you receive a phone call, a notification message will appear. To answer the incoming call, tap Answer or press Talk/Send key. To ignore or reject a call, tap Ignore to mute the phone and reject the call. This behavior may divert the call to your voice mail, depending on your network operator.

3.4 International Calls

When you make an international call from any country, you need to insert a special international access code. If you enter "+" symbol as a prefix before the number you are calling, then you do not need to enter the access code for the country you are calling from.

To make an international call

1. Tap, and hold 0 key until + sign appear. + replaces the international prefix of the country that you are calling from.
2. Enter the full phone number you want to dial. It should include the country code, area code (without the leading zero), and phone number.
3. Tap Talk, or press Talk/Send key.

3.5 Emergency Calls

Enter the international emergency number 112, and then tap Talk or press Talk/Send key. Additional emergency numbers may be included in your SIM card. Contact your network operator for more information.

If your device has entered Device Lock mode, you have to unlock the device first before making an emergency call.

1. Tap the Unlock on Left Function Key
2. Tap "Unlock" displayed on the lower-left corner of the screen.

3.6 Volume adjustment

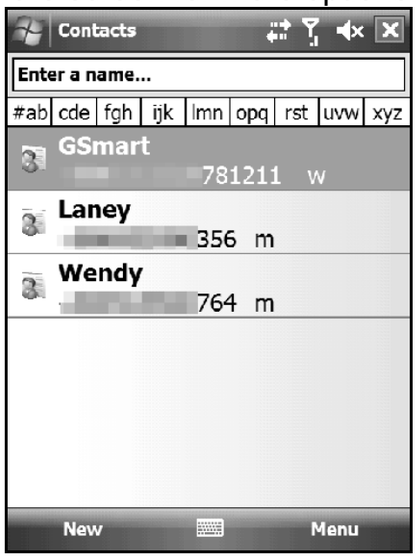
Tap icon on the screen, and the volume adjustment window will appear. Adjust the volume of alert tone for all programs tapping on , and adjust the ring volume by tapping on .

1. Press Volume Adjustment key on the left side manually or tap > to adjust incoming call volume.
2. If you press the Volume Adjustment key on the left side of your device or tap > icons during a call, you may adjust the in-call volume of the phone. You can only adjust it during a call.
3. When you select Vibrate, icon will change to icon.
4. When you select Off, icon on screen will change to icon.

3.7 Making a Call from Contacts

On Today screen, you can tap Contacts on the lower-right corner of the screen to enter Contacts. Enter the contact or phone number you intend to search into the search field, the phone will search for the contacts that match this condition.

1. Tap, and hold Navigation key upwards or downwards to browse contacts by initial letters in Contacts. (This function is available for contacts synchronized from Outlook only).
2. Tap on any contact to view that contact's information.
3. On Contacts screen, tap Navigation key to make a call to that person.
4. On Contacts screen, tap Menu on the lower-right corner of the screen for more options.

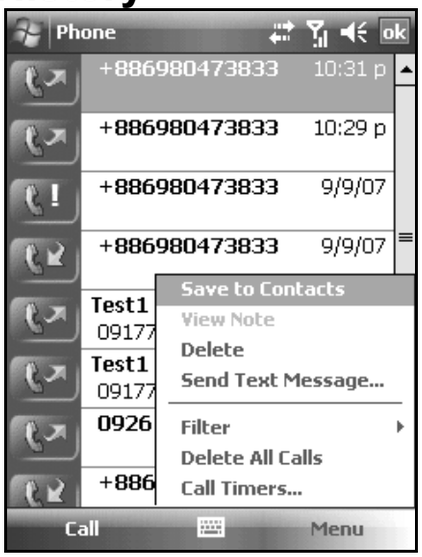


3.8 Creating a New Contact

On Contacts screen, tap New on the lower-left corner of the screen. After you enter into "Select a Contact Type", you can select Outlook Contact or SIM Contact. After you select one of them, you can edit the contact's information.

1. You may set photos in Picture field for this contact, by which the contact's photo will display as an incoming call photo ID.
2. You may also tap Ring tone field to set different incoming call ring tones for your contacts.
3. Tap OK on the upper-right corner of the screen to save the new contact, and exit.

3.9 Call History



Call History contains all outgoing calls, incoming calls, and missed calls. You may choose to display all or only display highlighted items.

1. On Today screen, tap Call History on the lower-left corner of the screen.
2. Tap Menu on the lower-right corner of the screen.
3. Select a desired function to perform. You may change call history display method by selecting Filter; or selecting Call Timers to check incoming call numbers, call time, and manage incoming call history.
4. On Call History screen, select the contact to redial this number at once.
5. On Call History screen, tap, and hold on a phone number to open a drop-down menu for more options.

3.10 Setting Ring Tone and Password

On Phone Dialer screen, tap Menu on the lower-right corner of the screen. Tap Options > Phone tab.

1. You may select a preferred ring type.
2. If you want to download ring tones, please use ActiveSync program in the computer and copy the ring tone file to Application Data/ Sounds folder in your device. The ring tone files will be added as the options.
3. You can set keypad tone for dialing.
4. You can set personal password to prevent unauthorized use from others.

3.11 Black List

Block all unknown calls. When a blocked number calls, the screen will display incoming call alert and ring but will automatically hang up within 5 seconds.

1. Select Start > Programs > Phone Manager > Black List
2. Tap “Menu”, and select “Add Black List” to add a number you would like to block. Besides, you can Tap “Menu”, and select “Block All unknown calls” to block all unknown numbers.
3. Select “OK” to save the settings.

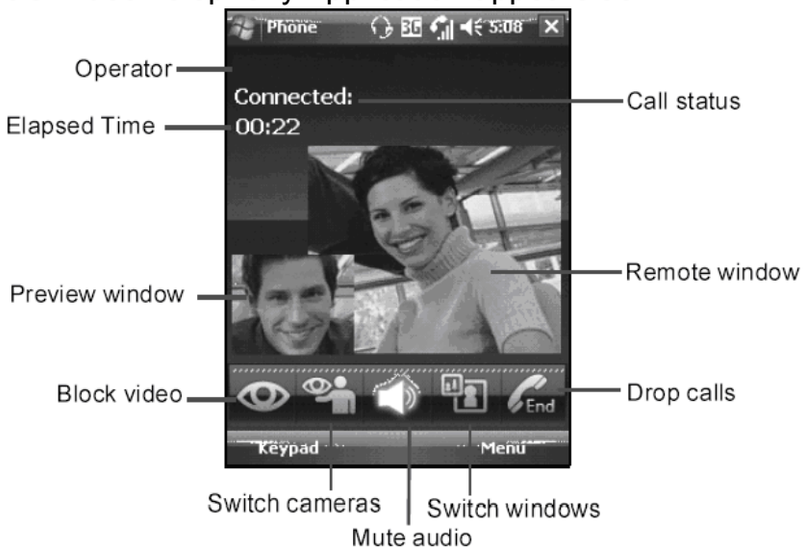
3.12 Video Telephony

The 3G Video Telephony Application/Phone Canvas allows you to make a video call in addition to making an audio call. To make a video call, perform the steps described in the section below.

To make a video call

1. On Phone Dialer Screen, type the required phone number.
2. Tap the Video Call button to make a video call. As the call progresses, the 3G Video Telephony Application automatically proceeds to Dialing screen. Status information appears below the phone number.

When the video call is connected successfully, the 3G Video Telephony Application appears as：



Preview Window
The window plays the video from the local camera.

Remote Window
The window at the center plays the video from the remote side.

Operator
This window displays Operator information.

Call Status
This window displays the current call status.

Elapsed Time
This window displays the elapsed time of the current call.

Block Video
Tap this button to block/unblock local video transmit to the others. The button indicates the state:

：Block video data for the remote.

：Unblock video data for the remote.

Mute Video
Tap this button to mute/un-mute local audio data transmit to the others. The button indicates the state:

：Mute audio data for the remote.

：Un-mute audio data for the remote.

Switch Cameras
Tap this button to switch between the front and rear camera. The button reflects the current status:

：Front camera.

：Rear camera.

Switch Windows
Tap this button to switch the position of the Preview window and the Remote window：

: The Preview window is located at the upper-left corner of the screen.

: The Remote window is located at the upper-left corner of the screen.

：The preview window.

：The remote window.

Call Failed
If the placed call failed, the 3G Video Telephony Application displays a dialog that prompts you to

indicate whether a voice call should be dialed or whether the video call should be retried with the same phone number.

Ending a call

You can end an active call by tapping . The call state changes to Call Ended.

Incoming Video Call

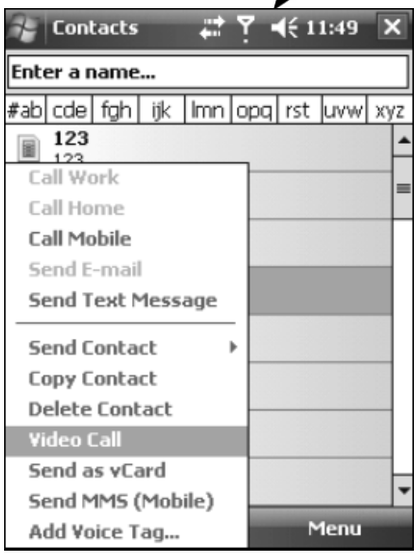
When the 3G Video Telephony Application receives a video call request, an information box appears. To accept the call, tap Answer. To reject the call, tap Ignore.

Outlook Contacts

The 3G Video Telephony Application allows you to make a call to your Outlook contacts.

To make a call to an Outlook contact

1. Tap Contacts of Today screen to open Outlook Contacts page.
2. Do one of the following to display a menu.
   Tap menu or tap and hold the required contact record.
3. Select Video Call to create an outgoing video call to the selected contact.



Call History

The Call History feature of the 3G Video Telephony Application is used to remember previous calls. This feature allows you to easily redial the number of a call you made earlier. In the Call History page, you can distinguish audio calls from video calls by their icons.

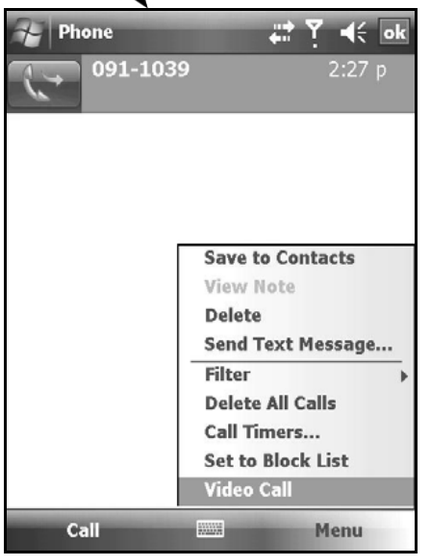
: Outgoing video call.

: Incoming video call.

: Missed video call.

To redial a number from Call History

1. In the Call History page, tap and hold a record.
2. To make a video call, tap Video Call in Menu.


Phone
ok
091-1039
2:27 p
Save to Contacts
View Note
Delete
Send Text Message...
Filter
Delete All Calls
Call Timers...
Set to Block List
Video Call
Call
Menu

4 Settings

4.1 Personal Settings

You may set your personalized settings by preference.

Buttons
You may assign programs to a hardware button. You may set certain keys as the activation keys for your most commonly used programs.

1. Tap Start > Settings > Personal tab > Buttons > Program Buttons tab.
   - Under Select a button, tap the button you want to assign to a program, and then select a program from Assign a program.
2. On Up/Down Control tab, Delay before first repeat changes the time elapsed before scrolling begins. Repeat rate changes the time it takes to scroll from one item to the next.

Call Settings
You can set your device with the functions, when you are on a call.

1. Tap Start > Settings > Personal tab > Call Settings.
2. Auto Answer: After 3, 6, or 9 seconds.
3. Tap “Turn off touch screen during call to save power”.
4. Tap “Vibrate if an outgoing call is answered”.

Input
Set your preferred input method.

1. Tap Start > Settings > Personal tab > Input.
2. On Input Method tab, select a desired input method. On Word Completion tab, select the desired settings for word completion. On Options tab, select the desired options for writing and recording. You can change input options by tapping the arrow .

Lock
You may set a personal password to lock your device.
A strong password must have at least 7 characters that are a combination of uppercase and lower case letters, numerals, and punctuation.

1. Tap Start > Settings > Personal tab > Lock
2. To enable this function, select how long your device must be turned off before the password is required for using the device. Tap Prompt if device unused for.
3. Select the type of password you would like to use: Strong alphanumeric or Simple PIN.
4. Enter the password and, type it again in Confirm field.
5. On Hint tab, this function provides a password hint in case you forget your password. This hint may be visible by others.
6. Tap OK to save the settings.
   - If your device is configured to connect to a network, use a strong password to help protect network security.
   - If you forget your password, you must reset the device before you can access your device. The reset will erase all files, data, and programs.
   - If you have used ActiveSync to create a backup file, all of your program data can be restored.

Menus
Select the programs to be displayed in Start menu. Only 7 programs are allowed to be showed in Start menu. Add the programs you use frequently in Start menu:

1. Tap Start > Settings > Personal tab > Menus
2. Select the programs you want, and then tap OK.

Owner information
Set layout, items, color, and background of Today display.

1. Tap Start > Settings > Personal tab > Owner Information.
2. On Identification tab, enter your personal information.
3. On Notes tab, enter any additional text you want to display when your device is turned on, such as: ”Welcome!”
4. On Options tab, select the message which will be displayed, when your device is turned on.

Phone
Setting for phone functions.
You can easily view, and change settings, such as Ring type, Ring tone, and Keypad. You can also protect your device from the unauthorized use. There are two ways to change phone settings:

- Tap Start > Settings > Personal tab > Phone.

Phone tab
Under Phone tab, you can set up the following items:

Ring type
You can change the way that you are notified when a call is incoming. For example, you can choose to be notified by a ring, a vibration, or a combination of both. Tap the ring type list, and select the option.

Ring tone
Display the ring tone list, and then select the sound.

1. To set .wav or .mid files as ring tones, use ActiveSync on your PC to copy the file to \Windows\Rings folder on your device. Select the sound from the ring tone list.
2. To download ring tones, you can make a connection to the Internet, and then download ring tones that are compatible with the .wav or .mid formats.

Keypad
You can use this function to change the key tone. If you select Long tones, the key tone will be continuous, when you input a phone number. If you select Short tones, the key tone will be only continued one or two seconds, when you input a phone number. If you select Off, the key tone will be cancelled, when you input a phone number.

Security tab
You may check “Require PIN when phone is used” to enhance your phone security. Tap Change PIN or PIN2 to change your SIM PIN number.

Services tab
Settings include Call Barring, Caller ID, Call Forwarding, Call Waiting, Voice Mail and Text Messages, and Fixed Dialing.

1. Tap Start > Settings > Personal tab > Phone > Services tab
2. Check the item, and tap Get Settings.
3. Tap OK to save settings.

Option	Description
Call Barring	Block incoming and/or outgoing calls.
Caller ID	Display your name and/or phone number for outgoing calls.
Call Forwarding	Forward all or selected incoming calls to a different phone number.
Call Waiting	Notify you an incoming call while you are on the phone.
Voice Mail and Text Messages	Set up voice mail and SMS service center.
Fixed Dialing	You can only dial some phone number.

Note: All services in Services are provided by operators. Please contact your operator for more services.

Network tab. • Under Current network, tap Find Network to

Network tab
Search for the network automatically.
- Under Network Selection, select Automatic or Manual to select network automatically or manually.
- Under Preferred networks, tap Set Networks to set the preferred order of networks.

VT Call Forward tab
1. Tap Start > Settings > Personal tab > Phone > VT Call Forward tab
2. Check the items, and then tap Get Settings.
3. Tap OK to save.

Sounds & Notifications
Setting alarm sounds and notifications.

Turning off sounds and notification helps conserve battery power. To change the ring type and volume:
1. Tap Start > Settings > Personal tab > Sounds & Notifications.
2. On Sounds tab, you can check the items.
3. On Notifications tab, you can customize how you are notified about different events. Select the event name, and then select the type of reminder. You can select a special sound, a message, a flash light, or vibration.

Today
Setting screen appearance and items displayed on Today screen.

To change the theme of Today screen:
1. Tap Start > Settings > Personal tab > Today.
2. On Appearance tab, select the desired theme. To use your own background, check “Use this picture as the background”, and then tap Browse to locate the desired file.
3. Choose a folder, and tap the file you want.
4. Tap OK to save.

> **Note:** The recommended picture size for the background is 240x320 pixels in jpeg file format. To beam a favorite theme to a friend, select the desired theme, and tap Beam on Appearance tab.

To customize the displayed information:
1. Tap Start > Settings > Personal tab > Today > Items tab.
2. Select the information you want to be displayed on Today screen.
3. To customize the information further, select an information type, and then tap Options (not available for all information types).

To add shortcuts in Today
1. Tap Start > Settings > Personal tab > Today > Extended tab.
2. Check “Activate Shortcuts in Today”.
3. Tap OK to save.

4.2 System Settings

About
This function contains information about your device.

Version tab displays important device information, including the amount of memory installed. On Device ID tab, you can change your device name, if you are unable to connect to a network because another device with the same name is already connected.

Auto Rotate LCD
You can choose automatically rotate LCD by simply turning your device sideways.

Backlight
Configure the backlight settings, and adjusts the brightness level to save power.

Using the backlight on battery power substantially reduces the battery life. Tap Start > Settings > System tab > Backlight.

- On Battery power tab, you can turn ON/OFF the backlight, when using battery power.
- On External power tab, you can turn ON/OFF the backlight, when using external power.
- On Extended tab, you can adjust the brightness level.

Certificates
It's the information about the certificate issuer and the expiration date.

Tap Certificates to view the name of the certificate issuer and the expiration date.

Clock & Alarms
Setting for time and alarms.

Tap Start > Settings > System tab > Clock & Alarms.

- If you visit a particular time zone frequently, you can select it as your Visiting time zone on Time tab so that you can examine the correct date and time quickly.
- You can use your device as a travel alarm clock by setting a wake-up alarm on Alarms tab. Check the item to select the type of alarm.
- To change the way the date or time is displayed on your device, you can go to Regional Settings by tapping Start > Settings > System tab > Regional Settings.

CPU Profile
Adjust different profiles for CPU power management.

Go to Power Management:
Tap Start > Settings > System > CPU Profile.
You can check one of three modes of CPU profile:
1. Power saving mode.
2. Standard mode
3. Performance mode

Each mode has different set of preset settings, which are shown on the screen when you select a mode. You can choose the most suitable mode for your device.

Customers Feedback
Customer Experience Improvement Program from Microsoft®.

It is Customer Experience Improvement Program designed by Microsoft®. The purpose is to identifying trends and usage patterns to improve the software. You can check "Send Feedback" to participate or "Don't Send Feedback to reject."

Encryption
You can encrypt files stored on the micro SD card by simply checking "Encrypt files when placed on a storage card". Once encrypted, such files are only readable by this device.
Encrypt data on your storage card:
1. On the Today screen, tap Start > Settings.
2. Tap System > Encryption.
3. Select Encrypt files placed on Micro SD Card.

Error Reporting
To help Microsoft improve the products you use, your device can collect information on software operation for later reporting in the event of a serious error. Reporting this information when errors occur is completely voluntary and confidential.

Managed Programs
Examine the installed programs.

Memory
Display memory status and programs that are currently running. You may need to stop a program if it becomes unstable or the program memory is low.
Tap Start > Settings > System tab > Memory.

- Main tab displays the amount of memory. This tab

shows storage's and program's memory. You can examine the total, in-use, and free memory.
- Storage Card tab displays how much memory is available on the storage card that is inserted into your device.

Power
Battery status and settings.

Tap Start > Settings > System tab > Power.
- Battery tab displays the amount of battery power remaining. Battery power depends on the battery type and how your device is being used.
- On Advanced tab, you can select the options for turning off your device to conserve battery power.
- On Extended tab, you can check "lock device when entering stand-by mode", "USB fast charging", or Turn on network indication".

Quick Menu
You can activate the Quick Menu at the upper-right corner of the screen.

Regional settings
Setting region, number, currency, time, and date format.

This feature allows you to customize the unit and format for the region you are in. To access this feature, tap Start > Settings > System tab > Regional Settings.

Remove Programs
Remove programs from your device

Remove Programs allows you to uninstall programs that are saved in your device's storage memory. It also shows the total available storage memory. Select a program that you would like to remove from the program box and tap Remove.

Screen
Setting screen orientation, screen alignment, and text size.

- On General tab, you can adjust the screen's orientation, and align the screen.
- On Clear Type tab, you can check "Enable Clear Type" to smooth the edges of screen fonts for many programs.
- On Text Size tab, you can adjust the text size to examine more content or increase the readability in many programs.

Task Manager
Examine the applications which are using. You can examine their amount of memory and their CPU consumption.

Windows Update
Download and update Windows Mobile. To help keep your mobile device protected.

Voice Commander Settings
You may record voice tags under "Voice Commander Settings", or train you the way of digit speaking under digit training.

Tap Start > Settings > System tab > Voice commander Settings.
- On Contacts tab, select a contact in the contact list. Press to play system pronunciation. Press to record your own pronunciation. Press to stop recording your own pronunciation. Press to delete the voice tag. Then you can go to "Voice Commander" in Programs to start what you record. Tap Start > Programs > Voice Commander.
- On Application tab, you can record the pronunciations of applications' names. Then you

can go to “Voice Commander” in Programs to start what you record. Tap Start > Programs > Voice Commander.

- On Application tab: If you have MP3 files in the device or Micro SD card, you may record voice tags for these MP3 files.
- On Digit Training, you can practice your digit pronunciations. You can press to record the following digits in “Digit model adaptation”. You also can press to delete the recorded digit pronunciations.
- On Digit Settings tab, you can change the length of phone number.
- On Advanced Settings tab, you can change the recording sensitivity.
- On About tab, you can know the details of Voice Commander.

5 Synchronization

You can take information form your computer wherever you go by Microsoft ActiveSync to synchronize data in this device with personal computer.

- You can update Outlook data in this device and in your personal computer synchronously.
- You can synchronize Microsoft Word and Microsoft Excel files in this device and in your personal computer. The files will convert to the compatible version automatically.

The default of ActiveSync is not to synchronize all data automatically. If you would like to change the default, you may activate or disable the synchronization function for specific data in ActiveSync Option.

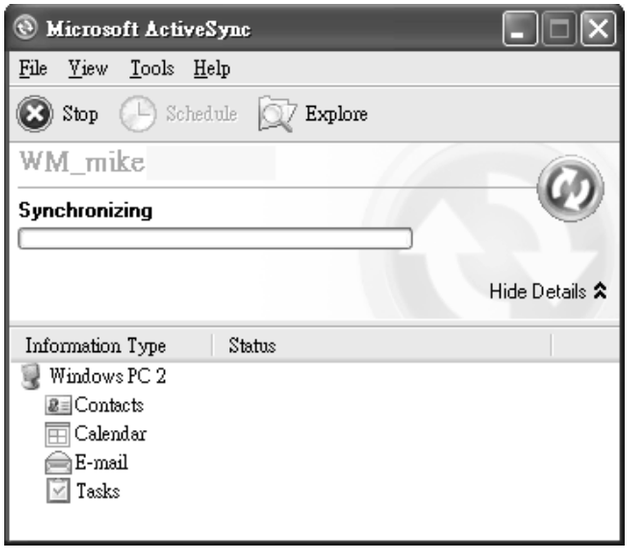
ActiveSync may also be used for the following purposes:

- Back up or restore saved data in this device.
- Copy files between this device and personal computer.
- Synchronize while connecting to your personal computer or selecting synchronization command.
- Synchronize specific types and range of files. For example, you may choose to synchronize appointments of the past few weeks.

5.1 Install and Use ActiveSync

Note: Before installing ActiveSync, do not connect your device to the computer. You may only connect the device to the computer by using the USB cable AFTER ActiveSvnc.

1. ActiveSync Installation:
   Use the enclosed CD to install Microsoft ActiveSync in your personal computer. This device already has the built-in ActiveSync.
2. Hardware Connection:
   Connect your Windows Mobile-based device to your personal computer with a USB cable or cradle.
3. Using ActiveSync Program:
   The ActiveSync wizard will give you step-by-step instructions for synchronizing files and loading programs onto your device. According to your demand, please follow the instructions to set up.



Setup Windows Mobile Device Center on Windows Vista

Microsoft Windows Mobile Device Center is the replacement for Microsoft Active Sync on Windows Vista.

When you connect and start Windows Mobile

Device Center for the first time. To create a partnership:

1. Connect your device to your computer. Open the Windows Mobile Device Center.
2. On the license agreement screen, click “Accept”.
3. On the Windows Mobile Device center’s Home Screen, Click “Set up your device”
4. Select the items you want to synchronize, then tap” Next”.
5. Enter a device name, then tap “set up”.
6. Click Start > All programs > Windows Mobile Device Center on your Windows Vista computer.

Start and Stop synchronization

1. Connect your device to the computer using Bluetooth, USB cable or cradle.
2. On the device, tap Start > Programs > Active Sync> Sync.
3. To end synchronization before it completes, tap “Stop”.

- After you connect this device with your personal computer with a USB cable or cradle, the computer screen will display “Connected” upon successful connection. A green icon representing “connected” will appear on the task bar of your computer screen.
- Select the Explore button of ActiveSync program of your personal computer, to view the files in this device. You may manage several files in the device simultaneously.

Troubleshoot an ActiveSync cable connection

Troubleshoot as described here if you are using a USB cable to connect your device to the PC, and ActiveSync does not recognize the device, or the program stops responding while connecting to ActiveSync. Troubleshooting is often a matter of systematically testing the possible solutions, usually beginning with the simplest for speed and convenience and moving on to more complex solution tasks. Try the following steps in order, one at a time, until on works for you.

5.2 Synchronize via Bluetooth

You can synchronize data via Bluetooth. Select Start > Programs > ActiveSync > Menu, and then select “Connect via Bluetooth” and tap ”Synchronize” in this device to process synchronization.
If this is the first time you have connected to this computer via Bluetooth, you must first complete the Bluetooth wizard on the device and set up a Bluetooth partnership with computer.

> **Note:** To preserve battery power, turn off Bluetooth when not is use.

6 Getting Connected

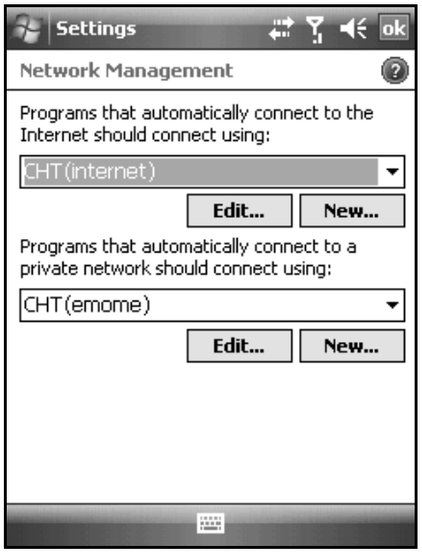
You device's networking capabilities allow you to access the Internet or your system operator at work.

6.1 Internet Access

Before you use GPRS or 3G to connect to the Internet, please make sure your system operator provide this service. It is convenient to work at home or travel by using GPRS or 3G. You can use this device to browse web pages, read or send E-mail, MMS\SMS, and Windows Live messenger through wireless network.

6.2 GPRS Connection Settings

1. Select Start > Settings > Connections tab > Connections > Advanced tab.
2. Select "Select Networks" to open Network Management screen.

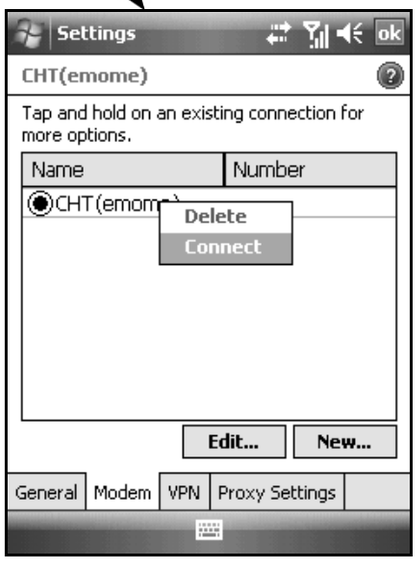


3. Select a desired network name from the list; press "New" to add available network to list; press "Edit" to modify original network setup content.
4. Tap "OK" to save and exit.

6.3 Activating GPRS Connection

If this device is under flight mode, please turn off flight mode beforehand.
Tap icon on Today screen, and then tap "Wireless Manager" on the pop-up window. Tap on "Phone" to turn the phone function on. The 3G icon will appear on Today screen when GPRS is activated.

1. Tap Start > Internet Explorer.
2. Input an URL address you desire to browse in address field, and tap the arrow icon to go to the URL.
3. After completing connection will become H icon.
4. Or you may select Start > Settings > Connections tab > Connections > Tasks tab; tap and hold a connection to open the pop-up menu, and select "Connect".



6.4 GPRS Wizard

When you are connected to GPRS network, you may surf on the Internet or send and receive email. GPRS Wizard selects your GPRS network automatically.

1. Tap Start > Settings > Connections tab > GPRS Wizard.
2. Choose the regional name and the network name.
3. Tap “OK” to save.

6.5 Bluetooth Wireless Transmissions

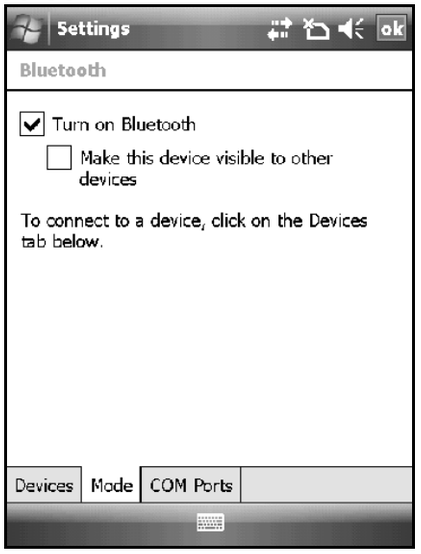
When you want to form a connection through Bluetooth, please make sure the device you would like to make connections with is also equipped with Bluetooth.

Bluetooth Connection Settings

When Bluetooth is activated, you will see icon in the pop-up window.

Bluetooth is a short distance wireless communication technology. Before you use Bluetooth function, please finish connection setup first.

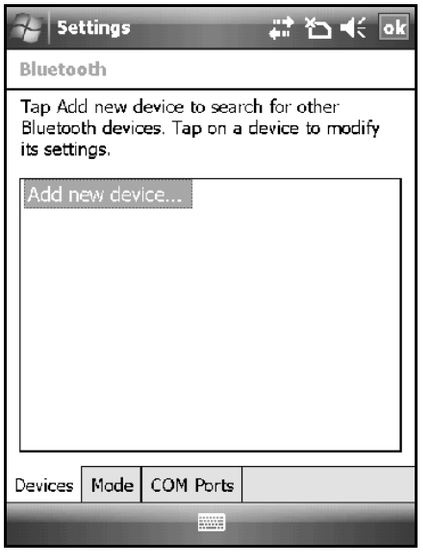
1. Select Start > Settings > Connections tab > Bluetooth > Mode tab.
2. Check “Turn on Bluetooth” after you enter into Mode tab screen.



3. If you want this device to be detected by other Bluetooth devices, please check “Make this device visible to other devices”. (Without

checking this item, other Bluetooth devices are unable to detect this device.)

4. Select Devices tab to show all connections formed.
5. Tap “Add new device” to search for other Bluetooth devices within an effective area.



6. Select the device to be connected, and then select “Next“. The screen will prompt for password. After inputting password on password input screen, select “Next“.
7. If the entered password is correct, the connection will be formed.

> **Note:** Optional Bluetooth accessories such as Bluetooth headset are available. Please contact your local dealer for more information.

COM Ports

For example, when you purchase Bluetooth GPS supported navigation software; you can register this device as an effective serial port by following the instructions on the manual of that product and the steps as below:

Select Start > Settings > Connections tab > Bluetooth > COM Ports tab.

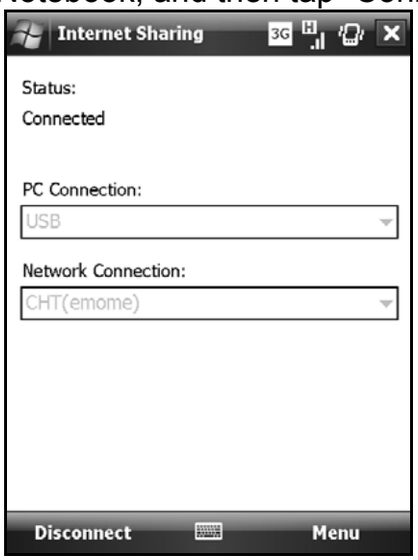
Registering New Serial Port:

1. Select “New Incoming Port” to enter setup screen.
2. Select a port to be set.
3. Select “Finish”.

6.6 Internet Sharing

You can set the device as a wireless modem. Internet Sharing allows your PC/ Notebook be connected to a wireless network. Before you create a new modem by the selected connection type, you still need to install the drivers in your PC/Notebook. If you would like to connect to PC with a USB cable, you will need to install ActiveSync 4.5 or later version in your PC. Please find the drivers in the ActiveSync and Application Software CD.

1. Tap Start > Programs > Phone Manager > Internet Sharing.
2. Select a USB or Bluetooth PAN as PC Connection type.
3. Connect your phone with USB cable or Bluetooth to a PC/Notebook, and then tap “Connect”.



Note: Before you tap Connect, please make sure that your have inserted a GPRS SIM card, and that you have connected this phone to your PC/Notebook by USB cable or Bluetooth and disabled ActiveSync.

6.7 Wi-Fi

Wi-Fi allows this device to connect to the detected network through Wi-Fi.

1. Select Start > Settings > Connections tab > Wireless Manager.
2. Tap “Wi-Fi”.
3. Tap “OK” to activate wireless network.

After you activate Wi-Fi, a new window, “New Network Detected”, will appear. Select “Connect” and input your password to the local network. Tap “Connect” to connect to this device via local network.

Note: Reboot is required when you change the IP address in Start > Settings > Connections tab > Wi-Fi > Network Adaptors tab > Edit > IP Address tab.

6.8 USB

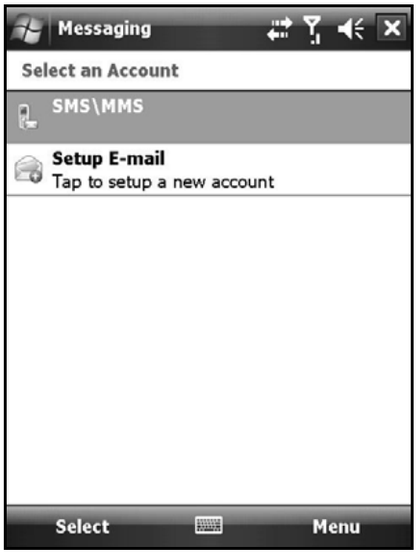
You may use the device as a mass storage device or a Micro SD card reader.

1. On the device, select Start > Settings > Connections tab > USB
2. Tap “SD-Card Reader”, and then tap “Change”.
3. Connect the device to the computer with a USB cable.
4. Your PC will detect the new hardware automatically. Now you can view or transfer files to and from your Micro SD card.

7 Messaging

7.1 SMS\MMS & E-mail

Messaging includes text messages (SMS), multimedia messages (MMS), and E-mail accounts. Before receiving and sending your email, please make sure this device has connected to a network. When you are connected to a network, you may go to “Messaging” to receive, and send your e-mail.



You may:

1. Use this device to connect with email server, and receive, or send letter directly.
2. Update the Microsoft Outlook or Microsoft Exchange Server email in this device and personal computer synchronously.

For more information on SMS\MMS:

1. Select Start > Messaging > Menu > Options > Accounts tab.
2. See “7.2 Using SMS\MMS”.

For more information on E-mail:

1. See “7.4 Establishing E-mail Account”.
2. See “7.5 Using E-mail”.

For receiving and sending SMS\MMS, you only need to ensure that the phone function is activated and the satellite icon on the top of status bar shows . It is not necessary to activate the connection or establish a new email account and a connection in Messaging.

7.2 Using SMS\MMS

Select Start > Messaging > SMS\MMS
The main steps are as follows:

1. Tap “Inbox” on the upper-left corner of the screen to choose a folder.
2. Select Menu > New to create a new MMS or SMS.
3. Tap the Input Panel icon on the lower center of the screen to activate or disable the Input Panel, and then edit this SMS or MMS.

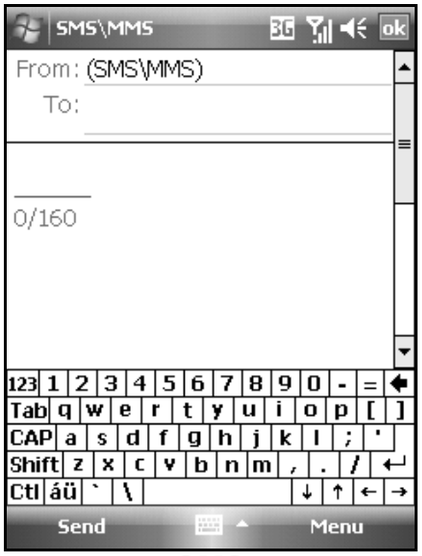
When read a SMS\MMS, you can:
Select Start > Messaging > SMS\MMS, and then select the SMS\MMS to read and reply.

1. Tap the phone number which is showed on the screen to save this contact as a new contact.
2. Tap “Reply” to compose a reply MMS\SMS.
3. Tap the Input Panel icon on the lower center of the screen to activate or disable the Input Panel.
4. Select “Menu” for more information.

Note: Make sure the size of MMS messages that you send is within the limits allowed by your wireless service provider.

Compose, and send a SMS:

1. Tap Start > Messaging > SMS\MMS > Menu > New > SMS to write a new SMS.
2. Tap “To” field to input receivers’ phone numbers, or tap Menu > Add Recipient to add recipients.
3. You can input SMS content in the empty area in the middle of the screen. Tap the Input Panel icon on the lower center of the screen to write the content.
4. Select “Send” to send this new SMS.



SMS

Copy a SMS to the SIM Card:

1. In the SMS\MMS inbox, select the message to open it.
2. To select a message that you want to copy to the SIM card.
3. Select Menu > Copy to SIM.

Note: You cannot copy a sent message to the SIM card.

Copy a SMS to the Phone:

1. In the SMS\MMS inbox, select the message to open it.
2. To select a message that you want to copy to the Phone.
3. Select Menu > Copy to Phone.

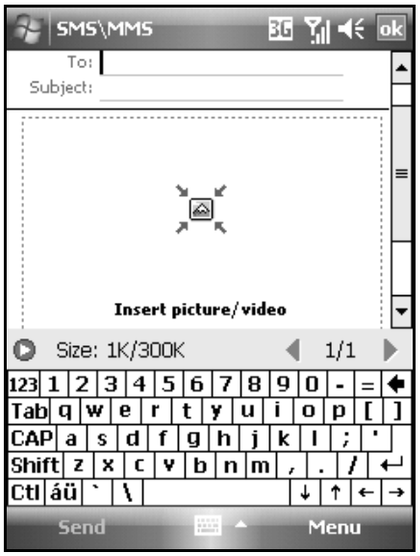
Reply a SMS with the function of MMS:

1. In the SMS\MMS inbox, you select a message, and then open it.
2. Tap Reply.
3. Select Menu > Insert, and then select the wanted item (Picture/ Video, Audio, vCard, vCalendar, or Attachment.) to insert it into the SMS.
4. Select Send.

Compose, and send a MMS:

1. Tap Start > Messaging > SMS\MMS > Menu > New > MMS to write a new MMS.
2. Tap “Bcc”, “Cc”, or “To” fields to input receivers’ phone numbers, or tap Menu > Add Recipient > From Contacts or From Call History to add recipients.
3. Tap “Subject” field to input a subject for your new message.
4. You can input MMS content in the empty area on the screen. Tap the Input Panel icon on the lower center of the screen to write the content.
5. Tap the Insert picture/ Video to insert a photo or video.

6. Enter text and insert audio by tapping the respective areas.
7. Select “Send” to send this new MMS.



MMS

7.3 Set up your device to Synchronize Outlook E-mail with your computer

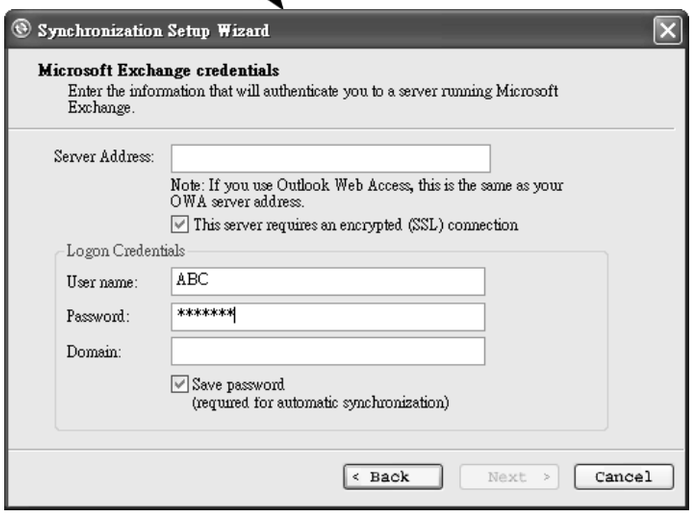
If you want to synchronously process email, you must activate the “Inbox” synchronization function in ActiveSync beforehand. For more information on “Inbox” synchronization, please see the online Help of ActiveSync in your computer.
Inbox synchronization process rules:

1. Please select a desired cooperation relationship on “New Partnership” screen in computer to synchronously transmit information.
2. If you choose not to perform synchronization, you may copy or move email messages between this device and the computer manually.
3. Only the email in “Inbox” of your computer will be synchronized.
4. Only the email in Microsoft Exchange Server or Microsoft Outlook can be synchronized.
5. The email from “Outbox” folder in this device will be sent to your computer first, and then it will be delivered through Microsoft Exchange Server or Microsoft Outlook.
6. If a specific letter is deleted in this device, then it will also be deleted in your computer when you reconnect this device with computer.
7. SMS\MMS in this device will not be synchronized.
8. You may directly receive new email from email server without connecting to a computer.
9. You may select to use it online or offline; if it is online, you may directly read and reply an email when this device is connected to email server. You can reply an email directly by simply tapping “Send”.

With push e-mail, you can access to new incoming e-mail in real time. This Direct Push Technology can be enabled by the Exchange Server administrator, bringing the latest information to you. You must set up your device to synchronize via an over-the-air connection with Exchange Server. To use push email, please turn on Wi-Fi or data connection to connect to the Exchange Server.

Enabling Direct Push on your PC:

1. Connect your device to the PC with a USB cable.
2. On the ActiveSync pop-up window, check “Synchronize with Microsoft Exchange Server or Personal Computer”, and click “NEXT”.
3. Input your network login name, password, and domain name. If your server requires a SSL encryption, please check “This server requires an encrypted (SSL) connection.” Click “NEXT”.



4. Check the items you would like to synchronize, for example, you may check Inbox, Calendar, Contacts, or Tasks.

Enabling Direct Push on your device:

1. On your device, select Start > Programs > ActiveSync > Menu > Add Server Source.

ActiveSync
To synchronize your device with a desktop computer, install the synchronization software from the Getting Started Disc included with your device on your PC.
If your company supports syncing directly with its Exchange Server you can set up your device to sync with it.
Learn more about synchronizing with a server.
Schedule...
Status...
Add Server Source...
Connections...
Connect via Bluetooth
Sync
Menu

2. Input your email address in “Email Address” field, and then tap “Next”.
3. Input your user name, password, and domain name, and then tap “Next”.
4. Tap “Skip” skip automatic configuration or wait for its procession.
5. Input the IP address of your server in “Server Address”, and then tap “Next”.
6. Choose the wanted data to synchronize, and then tap “Finish”.

Now you have established a cooperative relationship for the device and the Exchange Server. The next time when you select Start > ActiveSync > Sync, you may synchronize with Exchange Server via Wi-Fi or data connection.

Once you are connected to the network, you may look up your Global Address List over the air from your device by tapping “Contacts”. You may send an email to a contact on your Global Address List following the same steps as sending email to a contact saved on your device.

> **Note:** To be able to use direct push, you need to have an exchange server. Microsoft Exchange Server also supports useful functions such as remote device wipe.
> To find out more on the benefit and usage of Microsoft Exchange server, please visit Microsoft’s website, http://www.microsoft.com.

7.4 Establishing E-mail Account

If you have email accounts from ISP or company network, you may use “Messaging” to receive or send email. Please refer to the following instructions to set a new email account in ”Messaging” of this device.
Please acquire the following information from ISP or company network administrator:

Set up an Exchange Server connection:

1. Tap Start > Messaging > Setup E-mail

2. Add a new e-mail account, enter the E-mail address and password for the e-mail account and select the save password option. Tap “Next”.
3. Clear the Try to get e-mail settings automatically from the Internet option and tap “Next”.
4. Your e-mail provider, select Exchange server and tap “Next”.
5. Enter the Domain name and tap “Next”.
6. Server address, enter the exchange Server address and tap “Next”.
7. Select the items that you want to sync with exchange Server.
8. Tap “Finish”.

Set up an E-mail account:
Set up a POP3 or IMAP4 e-mail account on your device if you have an e-mail account from an Internet service provider (ISP) or other e-mail service provider, or web-based account such as Gmail, Yahoo.

1. Tap Start > Messaging > Setup E-mail
2. Add a new e-mail account, enter the E-mail address and password for the e-mail account and select the save password option. Tap “Next”.
3. In e-mail setup, auto setup settings from the Internet option and tap “Next”.
4. Enter your name and the account display name and then tap “Next”.
5. In the Automatic Send/ Receive list, choose how frequent you want e-mail messages.
6. Tap “Finish”.

7.5 Using E-mail

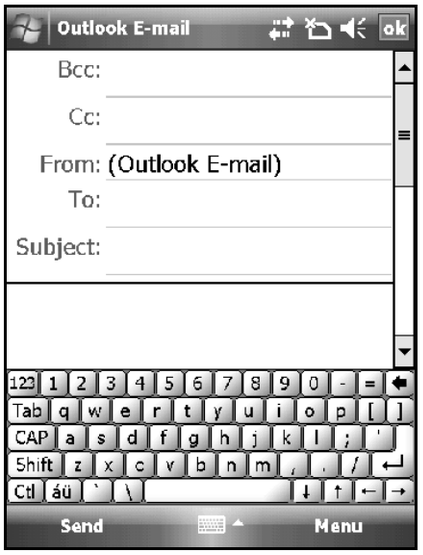
After you establish an email, you can use it.
The main steps are as follows:

1. Tap “Inbox” on the upper-left corner of the screen to choose a folder.
2. Tap “Received” on the upper-right corner of the screen to choose email arrangement.
3. Tap and hold on the email to open the pop-up menu.
4. Select Menu > New to create a new email.
5. Tap the Input Panel icon on the lower center of the screen to activate or disable the Input Panel, and then edit this email.

When you read an email, you can:
Select Start > Messaging > “the established e-mail” > Menu, and then select “Send/Receive” to send, and receive new emails. Select “Inbox” on the upper-left corner of the screen to view Inbox. Tap any unread email to view its content.

1. Open an email.
2. Tap a contact in “To”, “Cc”, “Bcc” fields to save this contact as a new contact.
3. Tap “Reply” to reply an email.
4. Tap the Input Panel icon on the lower center of the screen to activate or disable the Input Panel.
5. Select “Menu” for more information.
6. On the email content screen, select, and hold to activate the pop-up Menu.

Compose, and send an email:
Select Start > Messaging > “the established e-mail” > Menu > New to write a new email. After writing a new mail, select “Send” on the lower-left corner of the screen, and then send this new email.



When you compose an email, you can:
1. Tap “To”, “Cc”, or “Bcc” fields to input receivers’ email addresses, or tap Menu > Add Recipient to add recipients.
2. Tap “Subject” field to input a subject for your new email.
3. You may input the email content in the empty area on the screen.
4. Select “Send” to send this new email.
5. Tap the Input Panel icon on the lower center of the screen to activate or disable the Input Panel.
6. Select “Menu“ for more information.
7. On the email content screen, select, and hold to activate the pop-up Menu.

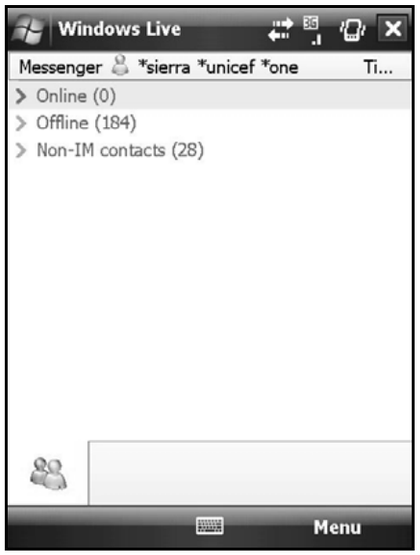
7.6 Windows Live™

Windows Live™ provides a full Internet experience on your device. Windows Live™ offers Live Search, Live Messenger, Live Mail, Live contacts . To use these functions, you will need to turn on Wi-Fi or data connection.

Set up Windows Live™:
Sign in using your Windows Live™ ID, which is your Windows Live™ Mail or Hotmail address, and password.

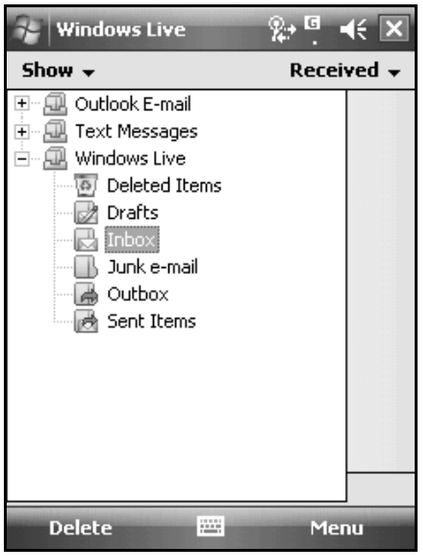
1. Tap Start > Programs > Windows Live and then tap “Sign in to Windows Live”.
2. Tap the links to read the Windows Live term of Use and the privacy. After reviewing them, tap “Accept”.
3. Sign in to Windows Live, enter E-mail address and password. Tap “Next”.

Windows Live Messenger:
1. Select Start > Programs > Messenger
2. Select your sign in status, and then tap “Sign in”.
3. Input your MSN or Hotmail email address and password.
4. Select “Sign In”.



Hotmail:

1. After you sign in Messenger, wait for the sync to finish, and then select Start > Messaging.
2. Select Windows Live Inbox from the drop down menu on the upper-left corner of the screen. You will find incoming emails to your Hotmail account in the Windows Live Inbox.



8 Multimedia

8.1 Camera

You may use camera function in this device to capture important moments.

1. Select Start > Programs > Multimedia > Camera or press, and hold Camera Key to launch camera.
2. Focus on the wanted object to shoot. Make a half press, and hold Camera Key to execute auto focus, and then make a full press to take a picture.
3. Use Volume Adjustment side key to zoom in and zoom out.
4. Tap to change camera settings.
5. Tap to enter into Pictures & Videos.

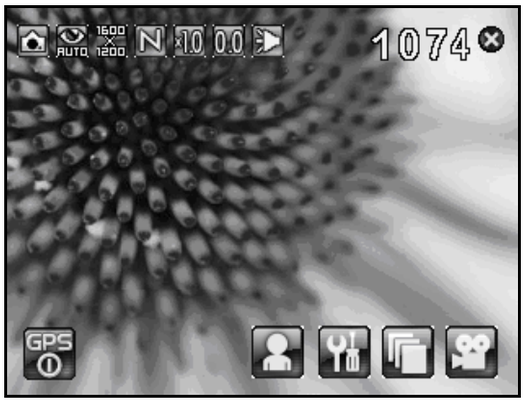
Camera Menu:

Video Mode: Tap this icon to switch to video mode.

Pictures & Videos: View your photos here.

Camera Settings: Open the menu for camera settings.

Front Camera: Use the camera which is located at the front of the device.



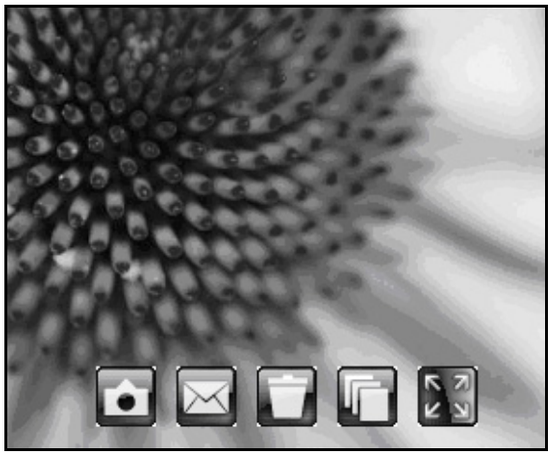
Camera Settings:

1. **Scene Mode:** You can select different shooting modes for your needs.
2. **White Balance:** You can set the white balance.
3. **Color Effects:** you may apply many different photo effects.
4. **Size:** Change picture's size to 2560 x 1920, 2048 x 1536, 1600X1200, 1280 x 960, 800 x 600, 640 x 480, 320 x 240, or 160 x 120.
5. **EV:** Exposure value ranging from +2 to -2.
6. **ISO:** The term ISO is used to indicate light sensitivity of film.
7. **Digital Lighting:** Bighting up an underexposed subject on backlighting or insufficient flash illumination, or enhance contrast of an overexposed subject that otherwise looks too bright.
8. **Self Timer**: 5 seconds, 10 seconds, Off.
9. **Flash:** Auto, On, off
10. **Shutter Sound**: On, Off
11. **Storage**: Phone, Micro SD. (The storage location will automatically change to Micro SD card, if the Micro SD card is plugged in before launching camera).
12. **Time Stamp:** Show photo taking time on a photo.
13. **Confirmation:** You can choose to continue shooting, send MMS, not to save it, or go to

Pictures & Videos immediately after shooting a photo.

14. **Flicker Frequency:** 50Hz, 60Hz.
15. **Blur Detection:** That is to judge whether or not a given image is blurred and to determine to what extent the image is blurred.

Confirmation frame:



Camera Mode: Tap this icon to switch to camera mode.

Send MMS: You can send this photo for your Friends.

Delete: Tap this icon to delete the photo.

Pictures & Videos: View your photos here.

High resolution Mode: Tap this icon to switch to high resolution mode.

8.2 Video Mode

The device camera can also be used as a video recorder to record memorable moments of your life.

1. Select Start > Programs > Multimedia > Camera > , or directly press, and hold Camera Key > to enter into video mode.
2. Focus on the picture you want to film and press Camera Key to start video filming.
3. Press Camera Key again to stop filming.
4. Tap to change camera settings.
5. Select on screen to enter into Pictures & Videos.

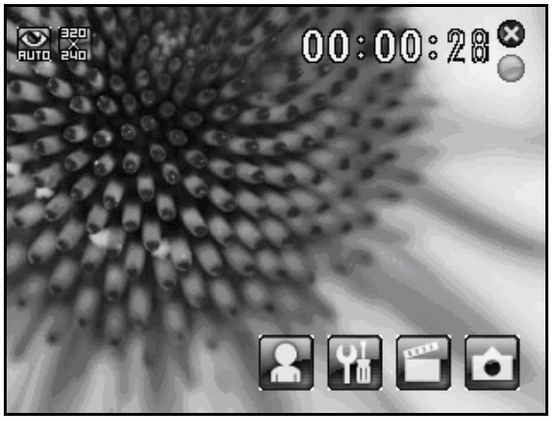
Video Menu:

Camera Mode: Tap this icon to switch to camera mode.

Pictures & Videos: view your video here.

Video Settings: open the menu for video recorder settings.

Front Camera: use the camera which is located at the front of the device.



Video Settings:

1. **White Balance:** You can set the white balance.
2. **Color Effect**: you may apply many different color effects.
3. **Video Format**: You can select the wanted format to record a film.
4. **Anti-Shaking:** Stabilized to movie clip when shaking, you can share the fluent movies.
5. **MMS Video**: you can select to make a recording especially for MMS.
6. **Storage**: Phone, microSD. (The storage location

will automatically change to microSD card, if the microSD card is plugged in before launching video Recorder).

7. **Confirmation:** You can choose to continue shooting, send MMS, not to save it, or go to Pictures & Videos immediately after shooting a photo.

8.3 Recorder

Use recorder to record a voice memo.

1. Select Start > Programs > Multimedia > Recorder.
2. Tap to activate sound recording function.
3. Tap to stop recording sound after you activate sound recording function.
4. Before you start recording, you may set the recording time in Duration to set the duration of the recording.
5. Tap to view the list of all records on screen. Tap any recorded file to play the file.
6. Tap Menu > Save To to choose file location.
7. Tap to leave the recorder screen while still keep recording on the background; or tap Menu > Exit to stop recording, and exit.

Note: If there is incoming call during the recording, answering the call will terminate the recording automatically. If you want to continue the recording after you end a call, you need to reactivate the recording function.

8.4 Pictures & Videos

You may use “Pictures & Videos” function to manage your photos or videos. In Pictures & Videos > Menu > Tools > Options > General tab, you may resize the picture. In “Menu”, you can also perform functions such as “Play Slide Show “ or “Set as Today Background…”.

By selecting Start > Programs > Multimedia > Pictures & Videos, you can

1. Enter into different folders.
2. Select the photo arrangement.
3. Tap a thumbnail picture to view the picture.
4. Select “Menu” for more options.

8.5 JAVA

This device supports JAVA, and therefore, you can use JAVA applications and play games.

8.6 Audio Mixer

Audio Mixer enables you to configure bass, treble, and 3D effects while you listen to the music. Use Media Player to play your audio files, and then activate Audio Mixer to adjust the settings. Tap Start > Programs > Multimedia > Audio Mixer.

> **Note:** If you use an A2DP Bluetooth headset to listen to the music, Audio Mixer won't work.

8.7 FM Radio

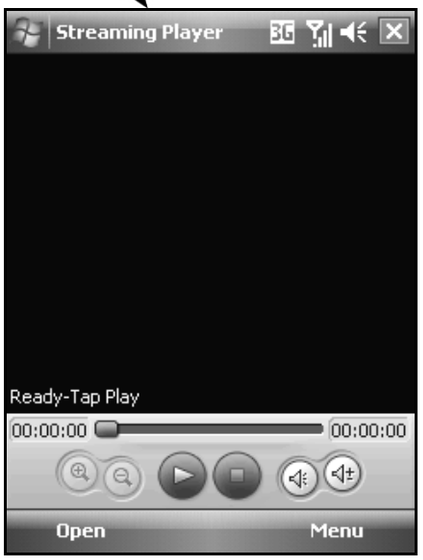
FM Radio allows you to listen to FM Radio on MS820, you must insert the stereo headset before you open the FM radio.

1. Select Start > Programs > Multimedia > FM Radio.
2. Tap to activate recording function.
3. Tap to decreases the radio frequency by 0.1MHz.
4. Tap to search for the next lower FM channel.
5. Tap to search for the next higher FM channel.
6. Tap to increases the radio frequency by 0.1MHz.
7. Tap to switch between headset and speaker output.
8. Press the volume control to adjust the FM Radio volume.

8.8 Streaming Player

You can use Streaming Player to watch TV, or listen to the streaming video on the Internet, or access to the operator WAP portal. This function supports all the streaming files. TV and radio contents are provided by your operator. Click any streaming link on Pocket Internet Explorer will launch this player.

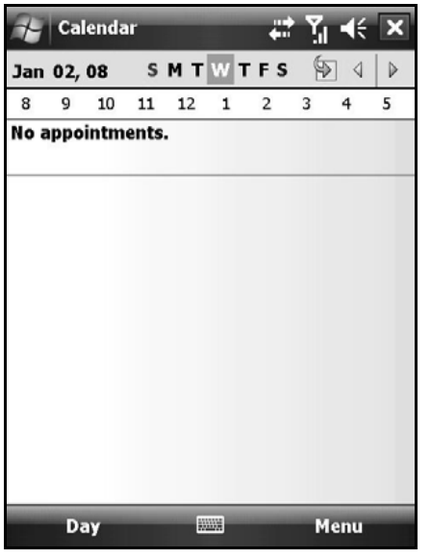
Go to streaming client:
Start > Programs > Multimedia > Streaming Player


Streaming Player
Ready-Tap Play
00:00:00
00:00:00
Open
Menu

9 Applications

9.1 Calendar

Appointments and Meetings:
You may use “Calendar” to arrange appointments, meetings, and other events. You may view your appointments in different display modes. You may select the preferred display mode by tapping the lower-left icon of the screen to switch day, week, month, year, and agenda.



1. Select a date to go to the desired date.
2. Select an appointment on the list to view or edit the appointment’s details.
3. Tap “Day” (Week, Month, Year, or Agenda) on the lower-left corner of the screen to switch the display modes.
4. Tap “Menu” on the lower-right corner of the screen to open menu.

Select Start > Calendar > Menu > Tools > Options. You may change the display setup of Calendar by your preference.

Create an Appointment:
1. Tap Start > Calendar. Select the date and the time of appointment.
2. Tap Menu > New Appointment > Appointment tab.
3. Select “Subject” field to edit the field or select the predefined text.
4. Select “Location” field to edit the field.
5. Select “Starts” field to select start time.
6. Select “Ends” field to change end time.
7. You can add your personal notes in Notes tab.
8. Tap “OK” to save the appointment, and return to the calendar screen.

If you select Remind me in “Reminder” field, then the device will remind you by an alert sound according to the settings in Start > Settings > Personal Tab > Sounds and Notifications.

View and Update Calendar:
Select an appointment on the calendar to view the appointment summary. If you want to change the details of an appointment, select Menu > Edit.

Send Meeting Notice:
You may use “Calendar” to set meeting notice by combining with the information on Outlook or Pocket Outlook. When you synchronize messages or connect this device with E-mail server, meeting reminders will be generated automatically. Select Start > Calendar > Menu > Tools > Options > Appointments tab, and select desired meeting sending method in “Send meeting requests via” field.

Generate Meeting Notice:
1. Select Start > Calendar > Menu > New Appointment
2. Select “Attendees” field. You can choose “Add Required Attendee” or “Add Optional Attendee”.

3. Select Attendees from your contacts.
4. The new meeting notice will be generated automatically, and saved in “Outbox” folder.

9.2 Contacts

“Contacts” is your address book and information storage regarding the people. It stores phone numbers, e-mail addresses, home addresses, and any other information that relates to a contact, such as a birthday or an anniversary date. You can also add a picture or assign a ring tone to a contact.

- **Outlook contacts**. Contacts are stored on your device, and created on your device or synchronized with your PC or the Exchange Server.
- **SIM contacts**. Contacts are stored on the SIM card. Only a name and phone number can be stored for each entry.
- **Windows Live™ contacts**. Contacts when you communicate with using Windows Live™ Messenger or MSN.

Phone Book:
“Contacts” helps you manage your phone book.
1. Tap “Enter a name…” field to input part of name or desired or phone number to search for that contact in the contacts list.
2. Tap “Enter a name…” field and input a letter search for contacts that starts with that letter.
3. Tap contact’s name or phone number to view or edit contact’s details.
4. Tap any contact and hold to open the pop-up menu.
5. Select “New” to add new contacts.
6. Tap “Menu” for more options.

Add New Contacts to your device:
1. Select “New” on contacts screen.
2. Select Outlook Contact to input data in selected fields on screen or panel.
3. Move the scroll bar on the right side of the screen to adjust screen display.
4. Select Ring tone field to set a special ring tone for this contact.
5. If you want to add notes, select Note tab to input desired content.
6. Tap “OK” to save and return to contacts.

Add New Contacts to your SIM card:
1. Select “New” on contacts screen.
2. Select SIM Contact to enter a contact name and phone number.
3. Tap “OK” to save and return to contacts.

Search for Contacts:
There are four contact search methods provided in this system.

- Input the contact’s name or phone number in input field, and then the contacts list will show the information of this contact.
- Select “Menu” > “Filter” and select the way to display contacts, by which your contacts list will only display contacts in this category.
- If you want to view the contacts by companies, select Menu > View By > Company, and then the contacts list will display in the order of companies. The number of contacts in each company will show on the right hand side of company name.
- To search for a contact, select Start > Programs > Search. Enter the name of the contact in “Search for” field and select “Contacts” in “Type” field. Tap “Search” to start searching.

View and Update New Contacts:
Select a contact in the contact list to view contact summary screen. To edit a contact’s details, select Menu > Edit on contact summary screen.

Share contact information via beam
You can quickly send contact information to another mobile phone or device through Bluetooth beaming.
1. On the Contacts screen, select a contact.

2. Select Menu > Send Contact > Beam, then select a device where to beam the contact to.

> **Note:** Before beaming, make sure Bluetooth is turned on and set to visible mode on your device.

Send contact information via text messaging

1. On the Contacts screen, select a contact.
2. Select Menu > Send Contact > SMS \ MMS.
3. Select the contact information you want to send, tap Done.
4. In the new text message, enter the mobile phone number of the recipient, tap Send.

Send contact information as a vCard

From your device, you can send a vCard containing contact information as file attachment in an MMS message.

1. On the Contacts screen, select a contact.
2. Select Menu > Send as vCard.
3. A new MMS message is created with the vCard file attached. Enter the mobile phone number or e-mail address of the recipient, tap Send.

9.3 Tasks

You may use “Tasks” to help you track unfinished tasks.

1. To add a new task, tap “Tap here to add a new task” field.
2. ” ! ” represents first priority.
3. Select a single item to input the details screen of this time.
4. Select a single item, and hold to activate the pop-up menu.
5. On “Tasks” screen, select Menu > New Task to add tasks.
6. You may change the arrangement of the tasks list. On “Tasks” screen, select Menu > Sort By.
7. You may choose to display a specific task category in your tasks list. Select Menu > Filter.

Add a New Task:

1. On “Tasks” screen, select Menu > New Task
2. Select a field to input data.
3. Select “Starts” and “Due” field to set first and last day of task.
4. You may select “Occurs” to select whether this task has periodicity.
5. You may select “Reminder” to set a time to remind you or select “None” (unnecessary to alert).
6. To appoint a task as certain category, tap “Categories” field to select a category from the options list.
7. To add notes, select Notes tab and input desired content.
8. Tap “OK” to save the task, and return to “Tasks” screen.

Check and Update Tasks:

You may select a task from tasks list to view task summary. Tap the selected task, and then select “Edit” to change the details of this task.

9.4 Notes

You may use text notes or voice notes to record information. You may also record voice in “Notes”. If a note file contains voice notes in addition to text, a small icon representing voice notes will appear in the content area of the note. If a notes recording is done under the notes file list, then the recording content will be saved as a single file.

Select arrangement of list:

1. Select a file on memo files list to open memo file or play recording content.
2. Select a file on memo files list, and hold to open the pop-up menu.
3. Select “New” to create a new memo.

4. Tap on Menu > View Recording Toolbar to show or hide the recording tool bar.

Add Notes:

1. Tap Start > Programs > Notes. In the note list, select “New”.
2. You may generate memo by writing, drawing, text entry and recording.
3. When the action is finished, tap “OK” to return to the note list.

9.5 Word Mobile

You may use Word Mobile in this device with Microsoft Word in your computer to copy and move document between this device and your computer easily. Through the synchronization, you may keep updated contents in both of this device and your computer.

You may use your Word Mobile to generate documents like letters, meeting minutes, and reports.

If you want to generate a new file, select Start > Office Mobile > Word Mobile > New, a new blank document will appear on screen. Your Word Mobile can only open one document at a time.

When you open a second document at the same time, this device will ask you to save the first document. When you create a new document or edit an old document, you may choose to save in the following format: Word file, RTF file, and text-only file.

The saved Word Mobile file in this device could be opened in the ”Word Mobile” list. To delete, copy, or send a file, select and hold desired file names to open the pop-up menu.

After you open a Word Mobile file, you may tap “View” to set Toolbar, Wrap to Window, and Zoom.

1. Select a folder category shown on list display field under All Folders in ”Word Mobile” list.
2. Tap “Name” (or Date, Size, Type) to change the arrangement of list.
3. Tap a file to open it.
4. Tap, and hold a file to the open pop-up menu
5. Tap “New” to create a new document.
6. Tap the Input Panel icon to show, or hide screen input panel, and select input method.
7. Tap “Menu” to open the menu for more options.

Note: When you are synchronizing or copying files from the device to PC, Word Mobile files will be transformed into Word files. While most of the text and paragraphing will be kept during this transformation, some of the format and properties may be lost.

9.6 Excel Mobile

You may use Excel Mobile in this device with Microsoft Excel in your computer to copy or move files between this device and your computer easily. Through the computer synchronization, you can keep the updated content in both of this device and your computer. You may use Excel Mobile to create documents like Statement of Income and Expenditure.

If you want to create a new Excel file, tap Start > Office Mobile > Excel Mobile > New, and the screen will open a new Excel file. Your Excel Mobile can only open one file at that time. When you open a second file at the same time, this device will ask you to save the first file.

The saved Excel Mobile file in this device could be opened in the “Excel Mobile” list. To delete, copy or send a file, tap and hold the desired file name to open the pop-up menu.

Your Excel Mobile provides basic worksheet tools, for example, formula, function, sorting, and filtering.

> **Note:** When you are synchronizing or copying files from the device to PC, Excel Mobile files will be transformed into Excel files. While most of the settings will be kept during this transformation, some of the format and properties may be lost.

9.7 PowerPoint Mobile

You may use PowerPoint Mobile in this device with Microsoft PowerPoint in your computer to easily copy or move document between this device and your computer easily. Through the computer synchronization, you may keep the updated content in both of this device and your computer.
You may use PowerPoint Mobile to browse or play PowerPoint file. If you want to open a PowerPoint file, select Start > Programs > PowerPoint Mobile, the screen will show your PowerPoint files list, from which select the file you want to open.

1. Select the folder type demonstrated in the list display field under All Folders.
2. Select “Name” (or “Date”, “Size”, “Type”) to change the arrangement of list.
3. Select the document to open.
4. Select and hold a document to activate the pop-up menu.
5. Select “Open” to open a file.
6. Select “Menu” for options.

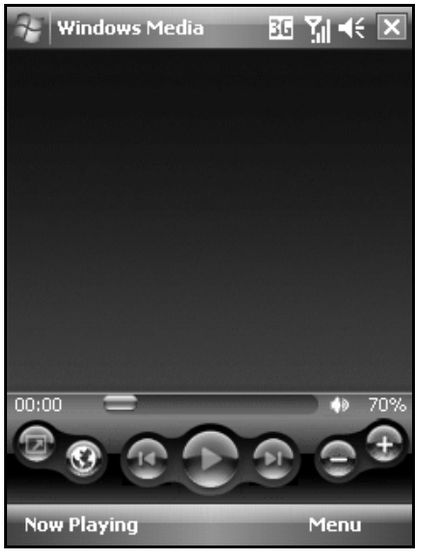
9.8 OneNote Mobile

OneNote Mobile allows you to edit notes.

1. Tap Start > Office Mobile > OneNote Mobile > New to create a new note. After the editing, you may select “Done” to end this editing.
2. Select “Menu”, and then tap “Delete” to delete notes.
3. Select “Menu”, and then tap “Rename” to rename notes.
4. Select Menu, and then tap “Options” to sort notes by Date modified or Name.
5. Select Menu, and then tap “About” to check the information of OneNote Mobile.

9.9 Windows Media Player

Your Windows Media Player allows you to play sound and video files in this device, select Start > Programs > Windows Media to activate Windows Media Player.



1. Tap to view in full screen.
2. Display the wanted website, from which find the wanted music and image to play.
3. Tap to return to the beginning of current file or previous file.
4. Tap or to play or pause.
5. Tap to skip to next file.

6. Tap or to adjust volume.
7. Tap to active or disable sound.

On Windows Media Player screen, select Menu > Library to enter into the library screen.

1. Select a library folder
2. Menu: select “Open File” to open files not in the library. Select “Update Library” to update the library list.
3. Select and hold the file or folder for playing, and then select “Play” or “Queue Up”.

You may use the synchronization to copy sound and image files from your computer to this device. The Windows Media Player in this device can play Windows Media and MP3 files.

9.10 Internet Explorer

You may use the following methods to browse web pages or WAP pages. Select Start > Internet Explorer to activate Internet Explorer.

You may:
Synchronize your favorite URL links on your PC to the device. These URL links are saved in “My Favorite” folders in Internet Explorer on your computer.
If you are connected to an ISP or network, you may download files and programs from the Internet or business Intranet.

Browsing Internet:
1. Connect this device with the Internet via GPRS or Wi-Fi.
2. Select Start > Internet Explorer
3. Input website address in the blank text field.

- Select the icon next to the blank field to go to the link.
- You may use the navigation keys or the scroll to adjust your screen to browse the content.
- Tap “Menu” to open Menu.
- Select, and hold any location of website content to open the pop-up menu.

View Favorites:
1. On browser screen, select Favorites or Menu > Favorites.
2. On Favorites screen, select the wanted website to view.

- Select the website you would like to go to.
- You may add or delete folders or URL links.

Mobile Favorites Folder:
After you install ActiveSync to your computer, “Mobile Favorites” folder will be added to “My Favorite” in your computer. Only items saved in “Mobile Favorites” can be synchronized with this device. Follow the steps below to add your favorite website to “Mobile Favorites”:

1. On your computer, select Internet Explorer > Tools > Establish Mobile Favorites.
2. To change name, input the new name in the new window.
3. To change the storage location, select “Create New” to create a new folder or select a folder in the new window.
4. Click on “OK” to add this website to your Mobile Favorites folder.

9.11 Calculator

Calculator allows you to run simple operations in this device.
Select Start > Programs > Tools > Calculator to use your calculator.

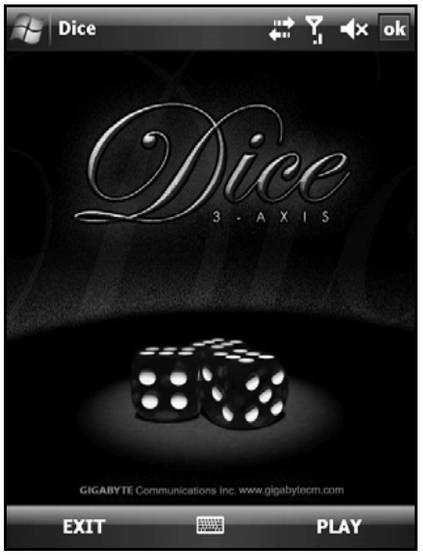
9.12 Games

You may access “Games” to select games you like in this device for entertainment.
1. Select Start > Programs > Games
2. Select a game to launch it.

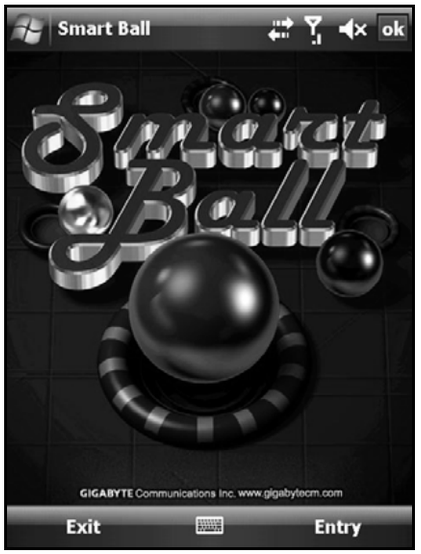
9.13 Motion Games

Motion game brings new way for mobile game. Shaking your handset as controller experiences an unique motion games style. By using 3-axis sensor, shaker creates surprisingly entertainment effect, which allows you to relax anytime during busy life.

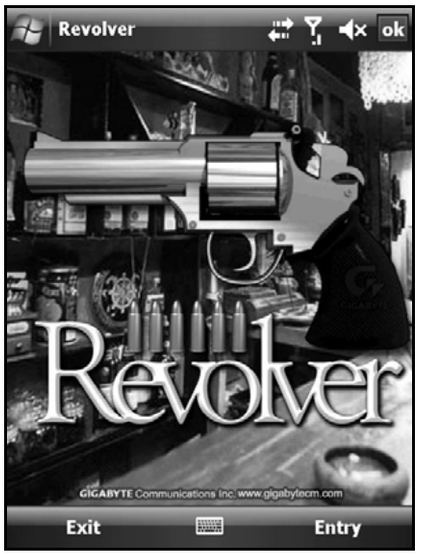
Dice:
1. Tap Start > Program > Games> Dice.
2. Tap “Play” to launch it.



Smart Ball:
1. Tap Start > Program > Games> Smart Ball
2. Tap “Entry” to launch it.



Revolver:
1. Tap Start > Program > Games> Smart Ball
2. Tap “Entry” to launch it.



9.14 STK (SIM Tool Kit)

The available services depend on your operator. Tap Start > Programs > Phone Manager, and then select the STK service provided by your operator.

> **Note:** All services in Services are provided by operators. Please contact your operator for more services.

9.15 ZIP

You can save the storage space and increase efficiency of the device by compressing some of your files with this ZIP tool.

Zipping Files:

1. To zip a file, select Start > File Explorer.
2. Tap, and hold a file you would like to zip. The pop-up menu will appear.
3. Select “Add to Zip File” in the pop-up menu. In the newly appeared window, you may:
   - Select a compression method according to your need.
   - Set a password. When you unzip the file, the system will ask you to input the password.
4. Select “Start” to compress the file.

Unzipping Files:

1. To unzip a file, select Start > Programs > Tools > Zip
2. You may select a different folder for more zip files. In the file list, tap the file you would like to unzip.
3. Tap “Yes”, and input the password (if required) to decompress the zip file.

9.16 GPS Tracking

This feature allows you to record the routes you travel through GPS tracking. You can use any mapping software which supports .kml or .gpx file format, such as Google Earth, to display the routes.

1. Tap Start > Programs > GPS Utility > GPS Tracking. After you get into GPS Tracking, the device will activate GPS, and search for the coordinates. The screen shows current connecting information, such as GPS status, Satellites, GPS Time, etc.
2. When GPS is connected, tap to start recording tracks.
3. During the track recording, tap to pause the route tracking, and tap to start it.
4. Then GPS stays connected; tap to create your own landmark (you can take a picture as your landmark). The next page allows you to add the name of the landmark and descriptions. Then tap to save the landmark.
5. Tap to stop recording routes. On the pop-up window, you may choose to save or cancel the records. If you want to save the record, edit the Beginning, Destination, and File Name, select File Type and Save to.
6. Tap to clean up all the records unsaved.

> **Note:**
> shows that GPS is trying to connect.
> shows that GPS is connected.

You can take GeoTagged photos (photos that carry the coordinates of where you were when you took them) and easily share them with friends through online albums like Flickr.

1. When GPS has successfully connected to satellite signals, the GPS button will become GPS ON . Under this mode, the photos you take will carry the current coordinates of where you are at EXIF.

2. Aim at the item you would like to shoot, and then make half press to focus. Make a full press to take a picture.

Note: For your convenience, the filename of photos with coordinates always ends with (GPS) on this device. Example: Camera0024 (GPS).jpg

9.17 Location Message

This feature allows you to send immediate location through SMS with assigned frequency.

1. Tap Start > Programs > GPS Utility > Location Message.
2. In the “From” and “To” columns, type with text or tap to insert the saved locations directly.
3. In the “Send to“ column, type the numbers or tap to add a contact from phonebook directly.
4. In the Notes column, you can add extra words you would like to show in the SMS.
5. Tap “GPS Start” to execute the location message. If checked Auto send and selected report frequency with ▲▼, the device sends the location messages automatically basing on assigned time interval. With no checking Auto send, you can tap on task bar of Today screen to send the location message.
6. To discontinue automatically sending messages, tap {Stop} with a pop-up window querying arrival report.

Note: When the device has a bad signal reception of GPS or GSM, the short message will be discontinued, and a warning window will pop up. If the weak reception lasts for 20 minutes, the pop-up window will query whether to turn off Auto send will show up.

Note:

Strong GPS signal reception. Tap to open GPS pop-up menu.

Detecting GPS satellite signals.

9.18 SIM Manager

To change contact information in your SIM card, tap Start > Programs > Phone Manager > SIM Manager, and then tap a SIM contact and edit it.

To copy SIM contacts to your device:

1. Tap Start > Programs > Phone Manager > SIM Manager.
2. Select the desired item, or select all SIM contacts by tapping Menu > Select All.
3. Tap Menu > Save to Device Contacts.

To copy Device contacts to the SIM card:

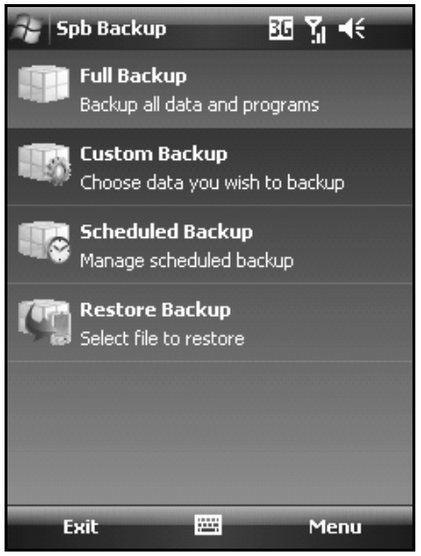
1. Tap Start > Programs > Phone Manager > SIM Manager.
2. Tap Menu > Add to SIM.
3. Select the wanted contacts, and then tap Save to

save.

4. Tap Return to go back.

9.19 Spb Backup

Tap Start > Programs > Tools > Spb Backup.



Full Backup

1. On the initial screen select Full Backup. Tap “Next” to proceed.
2. On the next screen you should provide the backup file name and location. If you select the Custom location, you will be able to select any folder on your device. Tap “Next” to proceed.
3. On the final screen make sure all the specified preferences are correct and tap “Next” to start the process or “Back” to return to customizing the backup preferences. On this screen you are also shown the estimated backup file size and the available storage space. If you don’t have enough space on your device, you will be notified.

Custom Backup

1. On the initial screen select Custom Backup. Tap “Next” to proceed.
2. At the next step you are asked to select what particular item categories you would like to include in the backup copy. To select a category, select the check box in front of it. For some categories you can also customize their contents by selecting them and tapping on the Options button. Tap “Next” to continue.
3. On the next screen you should provide the backup file name and location. If you select the Custom location, you will be able to select any folder on your device. Tap “Next” to proceed.
4. Provide the password and confirm it if you wish to encrypt your data using the AES algorithm. This password will be asked for further backup copy restoration. If you choose to compress your data, Spb Backup will use ZIP archiving to reduce the backup file size (it will be approximately half as small compared to the uncompressed one). The file size is dependant on the real device storage space used.
5. On the final screen make sure all the specified preferences are correct and tap “Next” to start the process or “Back” to return to customizing the backup preferences. On this screen you are also shown the estimated backup file size and the available storage space. If you don’t have enough space on your device, you will be notified.

Scheduled Backup

1. On the initial screen select Scheduled Backup. Tap “Next” to proceed.
2. In this dialog you can customize the scheduled backup options.
   a. Enable scheduled backup: If you select this checkbox, you will allow the program to create backup copies automatically in accordance with options you customize here.
   b. Days of week: Select days of week, when the backup copies will be created automatically. Select all days for daily schedule.
   c. Time: Provide the time of backup copy creation.
   d. Automatically reset after backup/Turn off

device after reboot: If you keep this option selected, the device will be turned off after any reboot caused by backup in unattended mode.
e. Backup only on AC power: If you select this option, the backup copy will be created only if your device is connected to the external power. When selected, tap “Next”.

3. In this dialog specify the scheduled backup file location. Also, customize if you want to keep previously created backup copies and, if yes, how many. To continue, tap “Next”.

4. At the next step you are asked to select what particular item categories you would like to include in the automatically created backup copy. To select a category, select the check box in front of it. For some categories you can also customize their contents by selecting them and tapping on the Options button. Tap “Next” to continue.

5. Provide the password and confirm it if you wish to encrypt your data using the AES algorithm. This password will be asked for further backup copy restoration. If you choose to compress your data, Spb Backup will use ZIP archiving to reduce the backup file size (it will be approximately half as small compared to the uncompressed one). The file size is dependant on the real device storage space used.

6. On the final screen make sure all the specified preferences are correct and tap “Finish” to save settings and quit the program or “Back” to return to customizing the backup schedule preferences.

Restore Backup

You can select file to restore. Besides, the backup will be stored here.

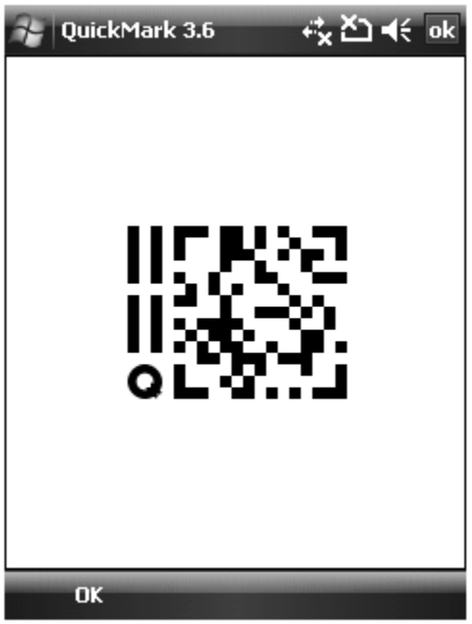
Note:
When you upgrade your GSmart, you may suffer from some problems in the process of restoring backup. The process of restoring backup may meet abnormal situations because of the different Save Place of files or the incompatible new and old systems. Before you upgrade the system of your device, you can tap “Full Backup” to backup the files you want to save. After you upgrade the system of your device, you can tap “Restore Backup” to restore the saved files to your device. However, when you do that, the system of your device will go back to the original version before you upgrade. If you want to keep the upgraded version, you do not need to choose “System Data” in “Custom Backup”.

9.20 QuickMark

QuickMark is an application that scans and decodes with camera of mobile device for offering services.
Tap Start > Programs > QuickMark.

Aim at the barcode in side the red focus screen, QuickMark Mobile will decode it automatically. If the barcode is recognized successfully, it will play decode sound and show the result.

The barcode is below.



10 Managing Your Mobile

10.1 Memory Management

Select Start > Settings > System Tab > Memory

Main Tab:
Display current memory status of this device.

Storage Card Tab:
Display the memory status of storage card in this device.

10.2 Memory

When the memory is insufficient, this device cannot allocate memory automatically, you may follow the steps below to release more memory:

1. Select Start > File Explorer
2. Use “File Explorer” to move some files to Micro SD card. Select, and hold the highlighted items by stylus, and select “Cut” or “Copy” on the pop-up menu; then select “Paste” after you move to Micro SD card.
3. Use “File Explorer” to delete the unwanted files.

Select Start > Messaging > Menu > Options > Storage tab. If you have inserted a memory card, check “When available, use this storage card to store attachments”, and the attachments will be saved to memory card automatically.

Select Start > Internet Explorer > Menu > Tools > Options > Memory Tab. Select “Clear History” and “Delete Files” to delete the browsed web pages.

10.3 Add or Remove Programs

All installed programs in the device will be saved in ROM (Read Only Memory) and are not removable. The saved data in ROM will not be lost suddenly. As long as there is sufficient space in this device, you may install suitable programs.

Adding programs through ActiveSync:
Before you install a program, please make sure the device processor is suitable for the software.

1. Select Start > Settings > System Tab > About > Version tab to check information of this device.
2. Download the desired software to your computer. (Please select the software that are designed for Pocket PC and this device)
3. Read the installation instructions, “Read me” file, or the accompanied programs provided to you.
4. Connect your computer with this device.
5. Install the executive file to your computer.

- If this file contains a installation program, the installation wizard will activate automatically. Please follow the instructions on screen. Once the installation on your computer is completed, and the program will be installed to this device automatically.
- If this file does not contain any installation program, an error message will show on screen, and tell you that this program is invalid, and is not suitable for your computer. You must move this program to this device manually. If you cannot find any installation instructions for this program, please use ‘Browse’ function of ActiveSync to copy program file to Program Files folder in this device.

6. After you complete the installation, you can select Start > Programs, and then select the program icon to run that program.

Adding programs through the Internet:
Via the Internet, you may download software which is suitable for this device.
Before you install the program, please make sure the device processor is suitable for the software.

1. Select Start > Settings > System tab > About > Version tab to check information in this device.
2. Directly download programs to this device via Internet Explorer in this device. (Please select programs designed for Pocket PC and this device)
3. Read the installation instructions, 'Read me' file, or the accompanied programs provided to you.
4. Run the installation executive file in your computer.

Adding programs to "Start" menu:
Select Start > Settings > Personal tab > Menus.

1. Check the programs to be displayed on "Start" menu.
2. Press "OK" to save settings, and return to Personal tab screen.

Remove Programs:
Select Start > Settings > System tab > Remove Programs.

Select the programs you would like to delete from "Programs in storage memory" list, and then select "Remove" to delete the highlighted programs.

If the installed programs list does not contain the program you intend to remove, you may use "File Explorer" in this device to find the program, and delete it by selecting and holding the program's name, and then select "Delete" in the pop-up menu.

11 Specifications

Item	Specification
System Information	
Operating System	Windows Mobile 6.1 Professional
Processor	Marvell PXA 270 520 MHz
Memory	ROM 256 MB, SDRAM 128MB
Size	
Dimensions (mm)	116*59*14.1 mm
Weight (in grams)	140 g (Including Battery)
Battery	
Battery Capacity	Li-Ion 1300 mAh
Standby time	Up to 150 hours
Talk time	Up to 4 hours
Charging time	4 hours
Display Characteristics	
Type	2.8”, 65,536 TFT LCD touch panel
Resolution	480 x 640 pixels
Band	
Band	HSDPA; UMTS2100; GSM 900/1800/1900
Connectivity	
Bluetooth	Bluetooth 2.0 Modulation: GFSK Band:2.4 - 2.4835GHz Output power:0dbm (Typical)
WLAN	WLAN 802.11b/g Wireless Technology: OFDM and DSSS Operating frequency: 2.412 - 2.462GHz

	Output power:12dbm (Typical)
GPRS	GPRS Class 12
WAP	WAP 2.0
CSD	Y
Modem dial-up	Y
USB	Mini USB 2.0
Image	
Format	JPEG, GIF, PNG, BNP, WBMP
Max Size (per)	Depends on available RAM
Audio	
Format	MP3,WAV,WMA,MIDI, AAC
Max Size	Depends on available RAM
Video	
Format	3GP, MPEG4, WMV
Max Size	Depends on available RAM
Phonebook	
Size	Depends on available RAM
Ringtone	
Type	MP3, WMA, AMR
Polyphone	48 polyphonic mid file
Digital Camera	
Type	JPEG
Pixels	5.0 mega pixels

Front Camera	**0.3 mega pixels VGA**
Resolution	**QVGA, QQCGA**
Auto Focus	**Y**
Macro Mode	**Y**
Video Recording	**Y**
Message	
Windows Live Messenger	**Y**
SMS	**Y**
MMS	**Y**
E-Mail	**Y**
External Memory	
Type	**Micro SD Card**
Max Size	**Maximum to 4GB**
Operating Temperature	
Temperature	**-10℃~45℃**

Note: Specifications may vary in some regions.

12 FAQ

Why can't I turn on the device?

Please make sure that the device has sufficient power, and that the battery is secured in the device.

Plug the device to an outlet by the AC charger. Check whether the LED light on the device has lighted up, and then press the power key on the device to turn on the device.

Why does the screen freezes and does not respond to my commands or input?

Reboot the system to release memory. The system shall operate more efficiently.

If the system still lags after rebooting, you will need to clean boot the device. To clean boot, press and hold Camera key and Power Key at the same time for about 3 seconds, and then release. Your device will reset to factory defaults and reboot.

> **Note:** When you perform a clean boot on this device, all your personalized settings, the information, and the installed programs will be removed. The system will reset to factory defaults.

Why can't my device make any sound alerts?

Tap the speaker icon on the upper-right corner of the screen, and then adjust the alert or ring volume.

You could also use the volume key on the left side of the device to adjust volume.

Why would the screen darken automatically?

This is a power saving mechanism. You can change this setting in Start > Settings > System tab > Backlight > Battery Power tab & External Power tab.

When I open a file or a program, an "Insufficient Memory" message pops up.

The device memory is shared by both of storage and programs. You can follow the steps below to release memory.

1. Remove some of the rarely used programs.
2. Remove rarely used files.

Why doesn't the screen respond accurately to my stylus taps?

Select Start > Settings > System tab > Screen > General tab. Select "Align Screen" to align the screen.

Why does the device launch wrong programs or ignore my command, when I press a device key?

Select Start > Settings > Personal tab > Buttons, and check whether the programs assigned to each key is correct. You can change these key assignments.

My device cannot form a successful connection with ActiveSync.

Please make sure you have installed ActiveSync 4.5 or later version in your computer. You can find ActiveSync in the installation CD, or you can download the latest version from Microsoft's website.

Please make sure you have connected the device to the computer by plugging in the USB cable to both of the device and the computer.

Make sure that you are not running another program that is using the same serial port.
If the connection still fails, remove ActiveSync in your computer, and reinstall it.

How do I take out the Micro SD card from the SD adapter?

The card slot on this device is designed for the Micro SD card. To remove the Micro SD card from the SD card adapter, please hold the SD card adapter with one hand, and lift the end of the Micro SD card, and pull slightly.

Can I synchronize information with PC and Exchanger Server at the same time?

No. You can only synchronize information either with PC or with Exchange Server at one time.

How do I connect a Bluetooth headset to my device?

1. Make sure that both of your device and the Bluetooth headset are turned on and within close range, and that the headset is visible. Refer to the manufacturer's documentation to find out how to set the headset to visible mode.
2. Tap Start > Settings > Connections tab > Bluetooth > Devices tab, and then tap "Add new device".
3. Tap the name of the Bluetooth headset, and then tap "Next". The device will pair the device with the Bluetooth headset automatically.
Windows Mobile will try one of the preconfigured passcode (0000, 1234…) to pair the Bluetooth headset with the device automatically. If it fails, you have to input the password delivered with your headset manually.

How do I make video calls?

Do one of the following steps:
- On the Phone keypad, input the phone number, and then tap "Video Call".
- From "Contacts", tap and hold the desired contact, and then tap Video Call on the pop-up menu.
- From Call History, tap and hold the desired phone number or contact, and then tap Video Call on the pop-up menu.

Note: The video call feature is available, if you are connected to a 3G network and the person you are calling has a 3G phone.

How do I set a sound alert for incoming text messages in my device?

1. Tap Start > Settings > Personal tab **>** Sounds & Notifications.
2. In the Notifications tab, select Messaging: New text message in the Event menu.
3. Check "Play sound**"**, and then choose a sound to use.

How can I get a hard copy of the user manual?

You may download the user manual from the Product page of GSmart website (http://www.gigabytecm.com). Please select the product, and click "Manuals".

If this document has any change, please download the latest version on the GSmart official website.

GIGA-BYTE COMMUNICATIONS INC.
8F, No. 43, Fu-Hsin Road, Hsin-Tien, Taipei County, Taiwan
+886-2-82192136
www.gigabytecm.com